

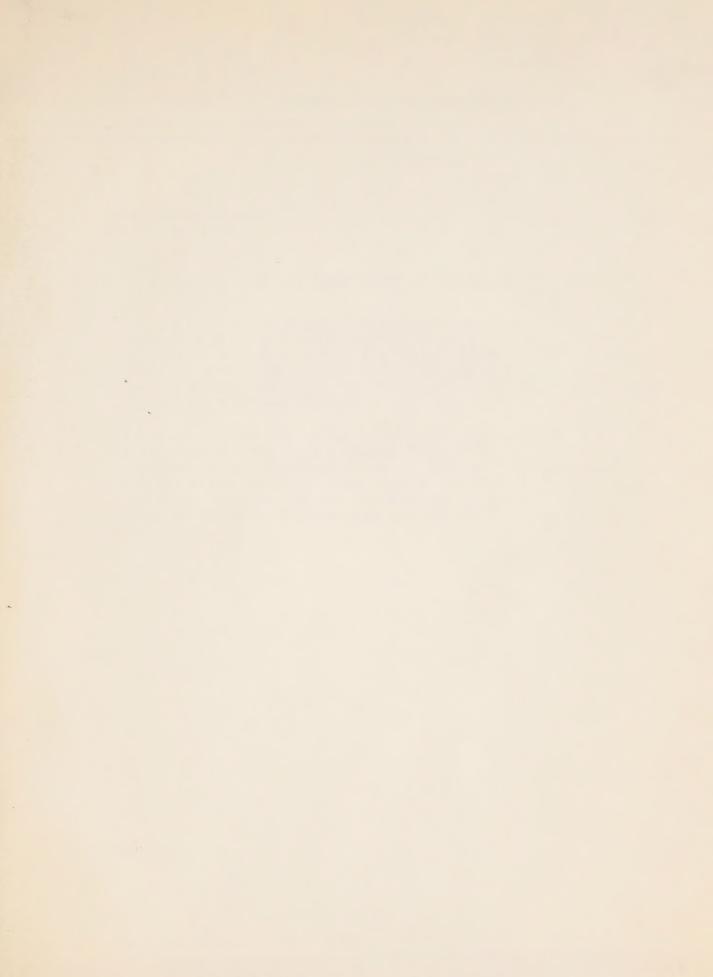
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Catalogue No. 57-002 Vol. 5, No. 1-98



STATISTI

January 15, 1970 -71

Fossil Fuel, Production and Value, 1969-1968

The total value of fossil fuel production for 1969 is estimated to reach an all time high of \$1,461.4 million, up 8.8% from \$1,342.5 million in 1968. The largest portion was contributed by Alberta, with 74.8% followed by Saskatchewan with 14.7%; British Columbia, with 6.9%; Nova Scotia with 1.5%; all other provinces including the Northwest Territories and Yukon, 2.1%.

Crude oil was the leading commodity accounting for 69.1% of the total value. Natural gas accounted for 18.0%, and natural gas by-products for an additional 9.3%. In coal, Nova Scotia accounted for 41.5% of the production value of coal in Canada, but only 24.7% of the tonnage. Alberta remainded the largest producer accounting for 41.6% of production, but only 26.7% of the total value.

1969 Fossil Fuel Production and Valuation (Estimates)

Total	1,985,280,000	66,107,000	407,499,000	10,635,000	1,009,000 1,461,400,000
Northwest Territories	51,000	6 1	819,000		1,009,000
Yukon	9 8	1 1	1 1	1 3	1
British Columbia	308,084,000 33,048,000	1,618,000	25,570,000	895,000	101,134,000
Alberta	1,609,326,000	62, 965, 000 129, 845, 000	284,241,000(3) 731,121,000	4,422,000	1,093,653,000
Saskat- chewan	56,167,000	1,524,000	89,493,000	1,976,000	7,621,000 15,511,000 214,931,000
Manitoba	1 1	1 1	6,190,000	1 4	15,511,000
Ontario	11,409,000	1 7	1,177,000	f 1	7,621,000
Quebec	135,000	1 (1 1	1 1	20,000
New Brunswick	108,000	a 1	9,000	714,000	5,937,000
Nova	1 1	1 1	t t	2,628,000 21,584,000	21,584,000 5,937,000
	Mcf.	Bb1.	Bb1.	tons	so-
	Natural gas (1)	Natural gas by- products(4),	Crude petroleum(2) Bb1.	Coal (6)	Total fuels

1968 Fossil Fuel Production and Valuation

	42,602 1,692,300,787 17,979 225,268,658	58,613,102 126,057,696	379,396,276 937,287,616	10,980,850	924,850 1,342,549,863	
	42,602 1	1 1	751,592	1 1	924,850 1	
	1 1.	1 1	1 1	1 1	ı	
	259,866,922 27,875,502	1,888,598	22,205,516 50,205,117	889,264	86, 965, 933	
	1,363,394,712	55,050,695 119,612,273	257,186,578 (3) 660,485,368	3,913,801	977,554,332	
TOO FORTE FACT TROUCCION WIN ASTRACTOR	56,771,626	1,673,809	91,889,243	2,250,219	7,765,753 15,569,882 221,212,498	
Luci Itonaci	8 8	1 -1	6,204,920 15,569,882	1 1	15,569,882	700
110001 0001	137,573 11,974,385 20,636 4,598,927	1 1	1,150,779	1 1		soo injected and stored
	137,573	1 1	r 'r	1 1	20,636	noini oo
	112,967	1.1	7,648	797,234	7,436,931	ľ
	1 1	1 1	1 1	3,130,332 797,234 25,099,048 7,329,346	25,099,048 7,436,931	old Flored a
	Natural gas(1) Mcf.	Natural gas by- Bb1. products(4). \$	Crude petroleum(2) Bbl.	Coal (5) tons Coal (6) \$	Total fuels \$	(1) Gross production less field flared and waste

(1) Gross production, less field flared and waste, less injected and stored.
(2) Gross production, less returned to formation.
(3) Includes production from the Athabaska sands deposits.
(4) Excludes supplur, but includes pentanes plus which amounted to \$100,356,000 in 1969 and \$86,939,677 in 1968.
(5) Coal production for 1968 and 1969 excludes "put on waste heap" coal.
(6) Value of coal excludes subvention payments.

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Coal and Co

Covernment Publications

January 16, 1970

CONTENTS

Page

Coal and Coke Statistics, October 1969, Cat. No. 45-002

1

2. Refined Petroleum Products, October 1969

1. Coal and Coke Statistics, October 1969, Cat. No. 45-002

Coal production for the month of October 1969 amounted to 1,079,159 tons, an increase of 9.5% from the October 1968 production of 985,424 tons, while landed imports were 1,904,035 tons compared with 1,912,732 tons for the month of October 1968. Consumption by industrial consumers amounted to 1,426,046 tons of coal and 292,819 tons of coke, a decrease of 24,768 tons of coal and 223,416 tons of coke from last year.

Industrial consumers' stocks of coal and coke increased to 7,172,454 tons from 7,126,934 tons in October 1968.

Coke production during the month of October 1969 decreased to 304,668 tons from 433,059 tons in October 1968, while coke used in blast furnaces decreased to 154,348 tons from 368,249 tons during the same period.

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Lanada

Coal and Coke Statistics

October 1969

			Coal			Co	oke
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
	1			tons			
Newfoundland	-	-	7 7 -		-	-	-
Prince Edward Island	-	-	-	-	-	-	
Nova Scotia	218,410	53,975	229,411	68,737	12,908	45,507	-
New Brunswick	63,749	645	60,434	40,071	59,694	-	-
Quebec	-	129,170	-	98,845	264,778	62,465	132,82
Ontario		1,719,821		803,180	6,164,356	162,206	117,36
lanitoba	-	307	-	25,934	96,822	349	64
askatchewan	236,657	-	236,518	118,491	196,987		-
lberta	468,439	-	366,240	258,501	69,837	399	40
British Columbia and Yukon	91,904	117	69,035	12,287	13,653	21,893	42,18
Total Canada 1969	1,079,159	1,904,035	961,638	1,426,046	6,879,035	292,819	293,41
Total Canada 1968	985,424	1,912,732	1,066,501	1,450,814	6,829,525	516,235	297,40

2. Refined Petroleum Products, October 1969

Production of refined petroleum products increased 1.4% in October to 35,355,727 barrels from 34,862,000 barrels in the same month last year, according to an advance release of data that will be contained in the October issue of the DBS report "Refined Petroleum Products," Catalogue No. 45-004.

Receipts of crude oil decreased 1.4% in October to 33,949,662 barrels from 34,431,688 a year earlier. There was 1.4% more domestic crude at 19,495,133 barrels versus 19,228,538 and, 4.9% less imported crude at 14,454,529 barrels versus 15,203,150. Domestic disappearance of finished petroleum products decreased 0.4% to 41,953,585 barrels from 42,101,805 in the same month last year.

Refinery Production In Canada Of Selected Petroleum Products, October 1969

				100		A COMMENT AND A COMMENT OF THE PARTY OF THE	LL LOTON	
	Motor	Vorosono		ruel oil		000		product s
	gasoline	stove oil	Diesel	Light	Heavy	products	Cumulative 1969	Cumulative 1968 ^r
			pg	barrels of 35 (Canadian gallons	ons		
Newfoundland	(1)	(1)	1	(1)	(1)	(1)	(1)	(1)
Maritimes	1,011,062	232,348	(2)	783,720	968,055	3,794,492	38,377,211	31,838,866
Quebec	3,851,383	611,924	1,407,128	2,102,519	2,854,018	12,368,616	117,204,307	113,324,857
Ontario	4,029,274	544,309	1,060,012	1,288,861	1,587,426	9,949,778	102,899,378	100,541,286
Manitoba	382,922	1,594	187,020	141,733	126,483	918,027	12,172,385	12,847,267
Saskatchewan	624,973	44,939	93,980	237,183	131,308	1,313,682	19,386,435	18,615,764
Alberta	1,538,651	48,341	709,073	108,409	165,718	3,387,681	33,437,918	31,240,856
British Columbia	1,436,975	162,081	888,888	156,132	344,651	3,591,845	32,330,492	34,009,873
North West Territories and Yukon	- 1,033	1	- 6,142	21,914	- 2,859	31,606	652,489	641,963
Canada totals	12,874,207	1,645,536	4,350,960	4,840,471	6,174,800	35,355,727	1	t
Canada cumulative 1969	127,646,559	15,975,036	41,778,255	55,162,151	62,862,630	8	356,460,615	â
Canada cumulative 1968	122,043,973	15,400,641	40,426,313	53,133,818	60,049,868	1	,	343,060,732
(1) Included with Maritimes.	imes.							

Included with Maritimes.
 Included with Quebec.
 Revised figures.

NET SALES In Canada Of Selected Petroleum Products, October 1969

	Motor	Kerosene		Fuel oil	Tight-ip* is assigned that an infilling	Total	Total all	products
	gasoline	stove oil	Diesel	Light	Heavy	products	Cumulative 1969	Cumulative 1968
		Andrew Arten der eine eine eine eine eine eine eine ei	ba	barrels of 35 Ca	Canadian gallons	3.5	The state of the s	
Newfoundland	195,546	130,629	318,786	178,565	210,070	1,177,209	10,869,155	10,065,325
Maritimes	909,901	254,518	330,488	628,560	1,108,052	3,553,560	34,654,041	34,716,532
Quebec	3,693,459	658,727	875,299	2,509,538	4,080,626	13,752,147	123,413,966	115,408,495
Ontario	5,145,621	435,049	958,988	2,494,198	2,374,321	12,986,339	123,696,490	121,313,666
Manitoba	688,252	93,107	259,901	157,257	87,002	1,473,003	13,806,617	13,348,023
Saskatchewan	800,091	140,412	255,749	161,455	33,254	1,589,852	16,083,379	15,982,369
Alberta	1,429,565	45,972	494,909	86,262	21,706	2,477,916	23,494,756	22,216,648
British Columbia	1,435,293	138,691	678,336	435,649	830,896	4,132,260	38,149,109	35,458,973
North West Territories and Yukon	23,603	5,369	47,067	31,558	8,295	146,293	1,580,451	1,245,167
Canada totals	14,321,331	1,902,474	4,219,523	6,683,042	8,754,222	41,288,579		ŧ
Canada cumulative 1965	132,394,152	14,175,922	38,411,352	71,015,446	81,170,672	e e	385,747,964	4
Canada cumulative 1968	127,345,069	13,968,786	35,858,417	68,458,296	78,542,792	ı	ā	369,755,198

- 5 -

IMPORTS Into Canada of Selected Petroleum Products, October 1969

	Motor	Kerosene		Fuel oil		Total all
	gasoline	stove oil	Diese1	Light	Heavy	products
		barr	els of 35	Canadian gal	lons	
Maritimes Quebec Ontario All other	86,730 579,910 - 9,330	276,616	163,732 138,939 - 13,311	303,477 318,715 287,435	560,840 1,828,713 160,949 343,250	1,507,378 2,526,079 467,767 388,465
Canada total	675,970	276,616	315,982	909,627	2,893,752	4,889,689

EXPORTS Of Selected Petroleum Products, October 1969

	Motor	Kerosene		Fuel oil		Total all
	gasoline	stove oil	Diese1	Light	Heavy	products
		barr	els of 35	Canadian gal	lons	
				1		r
Maritimes Quebec Ontario Saskatchewan Alberta	- - 144	2,303	28,379 - - -	- 41,982 - -	3,662	29,362 105,719 144 3,662
British Columbia	35,518	_	-	-	-	50,743
Canada total	35,662	2,303	28,379	41,982	3,662	189,630
		1		T		



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Catalogue No. 57-002 Vol. 5, No. 3

LIERARY

January 19, 1970

Preliminary Electric Energy Statistics, November 1969.

Catalogue No. 57-001

Net generation of electric energy increased 7.6% to 16,634,366 thousand kwh. in November 1969 from 15,466,037 thousand kwh. in November 1968. There were increases in net generation in all provinces except Nova Scotia, where there was a decrease of 18.5%. The largest increases occurred in Yukon Territory and New Brunswick where they amounted to 53.2% and 38.6% respectively. In November, as has been the case in previous months, favourable water conditions resulted in hydro generation increasing 14.5%, while thermal generation decreased 12.6%.

Imports decreased 50.2% and exports decreased 3.7% compared with November 1968. Firm energy consumption increased 6.1%.

Total generation for the twelve month period ending November 30, 1969 amounted to 189,045,585 thousand kwh. compared with 187,877,256^r thousand kwh. for the similar period ending in October.

Seasonally adjusted net generation in November amounted to 15,979 million kwh. compared with 16,116 million kwh. in October, and 16,259r million kwh. in September. Firm energy consumption amounted to 15,881 million kwh. on a seasonally adjusted basis. The comparable figures for October and September were 15,940 million kwh. and 15,810r million kwh. respectively.

- 2 Preliminary Electric Energy Statistics

(thousand Kwh)

		November	
	1967	1968	1969
Net generation - Hydro	11,790,232	11,492,235	13,162,645
Thermal	2,866,346	3,973,802	3,471,721
Total net generation	14,656,578	15,466,037	16,634,366
Energy imported from U.S.A	383,887	442,767	220,709
Energy exported to U.S.A.:			
Firm	56,467	61,997	74,992
Secondary	346,634	256,914	232,017
Total exported to U.S.A	403,101	318,911	307,009
Net energy used in Canada	14,637,364	15,589,893	16,548,066
Secondary energy used in Canada	425,584	170,354	190,976
Firm energy used in Canada	14,211,780	15,419,539	16,357,090

r Revised figures.

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Catalogue No. 57-002 Vol. 5, No. 4

January 21, 1970

Crude Petroleum and Natural Gas Production Cat. No. 26-006

September 1969

According to preliminary data, the production of crude petroleum and equivalent hydrocarbons during September 1969 amounted to 37,598,545 barrels (1,253,285 barrels per day) an increase of 8.0 per cent or 92,719 barrels per day from September 1968.

Preliminary figures of natural gas net new production in September 1969 indicate an increase of 21.6 per cent to 174,380,695 Mcf. from 143,435,369 Mcf. in September 1968.



TABLE 1. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, September 1969

	New Brunswick	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
Supply					barrels of 35	Canadian	gallons			
Domestic production Crude oil Synthetic crude oil Less returned to formation	799	88,840	510,274	7,155,073	23,863,197 1,087,214 467,265	2,193,712	100,478	33,912,373 1,087,214 467,265	: : :	33,912,373 1,087,214 467,265
Totals	799	88,840	510,274	7,155,073	24,483,146	2,193,712	100,478	34,532,322	•	34,532,322
Condensate	ŧ I	1 1	, ,	24,980	54,934	6,161	1 1	61,095	::	61,095
Net withdrawals	799	88,840	510,274	7,180,053	27,433,157	2,284,944	100,478	37,598,545	•	37,598,545
Imports	:			:	:	:	•		15,923,879	15,923,879
Total supply	799	88,840	510,274	7,180,053	27,433,157	2,284,944	100,478	37,598,545	15,923,879	53,522,424
Disposition										
Deliveries to refineries Atlantic Provinces Quebec Ontario Manitoba Saskatchewan Alberta British Columbia Northwest Territories		88,840	584,518 15,565	4,063,764 633,746 148,094	5,385,998 584,834 2,028,975 3,170,453 1,323,682	2,107,705		- 10,123,120 1,234,145 2,177,0453 3,170,453 3,431,387 78,689	3,691,007 12,149,112 84,679	3,691,007 12,149,112 10,207,799 1,234,145 2,170,463 3,170,453 3,431,387 78,689
Totals	'	88,840	600,083	4,845,604	12,493,942	2,107,705	78,689	20,214,863	15,924,798	36,139,661
Exports to U.S.A. Petroleum Administration District I II IV	4 1 1 1	, , , ,	() ()	157,698	2,207,714 5,442,322 1,105,882 6,425,129	210,669	1 1 1 1	2,365,412 7,566,213 1,105,882 6,635,798	1 (1 1	2,365,412 7,566,213 1,105,882 6,635,798
Totals		1	-	2,281,589	15,181,047	210,669	•	17,673,305	1	17,673,305
Inventories Opening - Field and plant Transporters' Closing - Field and plant Transporters'	2,823	1 1 1 1	71,245 112,777 73,498 20,512	460,000 5,477,589 480,000 5,505,449	1,704,512 26,917,339 1,619,312 26,663,940	- 26,874 1,322,192 - 17,369 1,364,811	78,054	2,289,760 33,829,897 2,246,941 33,554,712	359,835 359,835	2,289,760 34,189,732 2,246,941 33,914,547
Net change	- 121	,	- 90,012	47,860	- 338,599	52,124	10,744	- 318,004	1	- 318,004
Deliveries to other purchasers Pipeline fuel	920	1 1 1 1	203	5,000	8,840 12,897 15,021 60,009	65 85,619	11,045	20,870 12,897 20,021 - 25,407	- 919	20,870 12,897 20,021 - 26,326
Total disposition	- 199	88,840	510,274	7,180,053	27,433,157	2,284,944	100,478	37,598,545	15,923,879	53,522,424

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, September 1969.

		New Brunswick	Quebec	Ontario	Saskatchewan
).			Mcf.		
	A, FIELD AND PROCESSING PLANTS	1			
	Supply				
	Gross new production	7,156	11,340	906,982	5,461,22
2	Less field flared and waste	-	-	-	863,31
3	Net new production (1 - 2)	7,156	11,340	906,982	4,597,91
+	Reproduced	-	-	-	
5	Less injected and stored	-	-	-	
5	Net withdrawals	7,156	11,340	906,982	4,597,93
	Disposition				
	Field disposition and uses	217	-	-	319,2 47,7
	Gathering system disposition and uses Processing plant disposition and uses:	-			
а	Processing shrinkage	-	-	-	195,4 224,0
b	Other uses	-	-	-	54,7
	Adjustment Deliveries of marketable gas	6,939	11,340	906,982	3,756,7
	Total disposition	7,156	11,340	906,982	4,597,9
	Total disposition	.,130	22,310		
	B. GAS UTILITIES				
	Supply				
	Receipts of marketable gas				
a b	Plants	6,939	11,340	906,982	1,669,5 2,087,1
	Fields	6,939	11,340	906,982	3,756,7
	Total (14a + 14b)	0,939			
	Receipts from distributor storage	-	_	282,101	261,9
a	Other receipts(1)	-	-	-	
	Total supply of marketable gas (15 + 16 + 17 + 17a)	6,939	11,340	1,189,083	4,018,6
				2,200,000	1,,,,,,
	Disposition				
	Sales				
	British Columbia	-	-	_	
	Alberta	-	-	-	
	Saskatchewan		-	-	1,163,6
	Ontario	-	-	992,185	
	Quebec	2 /5/	11,340	-	
		3,454	-		
	Total sales (19 to 25 inclusive)	3,454	11,340	992,185	1,163,6
	ExportsOther deliveries(2)	-	-	-	
1	Delivered to distributor storage			-	659,2
	Pipeline line pack fluctuation	-	-	-	- 251,1
	Pipeline fuel	2 /05	-	35,017	1,225,4
		3,485	-	161,881	1,221,3
	Total disposition of marketable gas (26 to				

L.P.G. for gas enrichment, peak shaving or temporary supply.
 Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, September 1969.

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
	<u> </u>	Mcf.			
149,180,702 5,378,929	26,093,398 1,039,686	84,242 82,421	181,745,044 7,364,349		181,745,044 7,364,349
143,801,773	25,053,712	1,821	174,380,695	4	174,380,695
16,928,733	720,424	-	17,649,157		17,649,157
126,873,040	24,333,288	1,821	156,731,538		156,731,538
595,352 - 477,430	917,135 5,338	-	1,831,971 - 424,351		1,831,971 - 424,351
18,484,938 6,886,193 71,205 - 1,340,939 102,653,721	573,464 2,335,649 - 178,842 20,322,860	1,821	19,253,891 9,445,848 127,728 - 1,162,097 127,658,548		19,253,891 9,445,848 127,728 - 1,162,097 127,658,548
126,873,040	24,333,288	1,821	156,731,538		156,731,538
85,520,038 17,133,683	19,878,292 444,568	-	107,067,858 20,590,690		107,067,858
102,653,721	20,322,860	*	127,658,548	• • •	568,621
24,546	6,882	-	13,301	2,540,632	2,540,632 13,301
102,684,686	20,329,742	-	128,240,470	2,540,632	130,781,102
1,007,976 14,038,979 2,730,032 2,005,127 15,033,061 3,846,145	5,613,021 - - - - - -	-	6,620,997 14,038,979 3,893,719 2,005,127 16,025,246 3,857,485 3,454	4,102 - - 2,536,396 - -	6,620,997 14,043,081 3,893,715 2,005,127 18,561,64 3,857,485 3,454
29 661 220	5,613,021	-	46,445,007	2,540,498	48,985,505
38,661,320 40,941,761 1,610,244 13,143,267 - 112,497 4,171,417 4,269,174	12,664,584 - 317,787 1,267,156 467,194		53,606,345 1,610,244 13,802,533 - 45,830 6,699,064 6,123,107		53,606,34 1,610,24 13,802,53 - 45,83 6,699,066 6,123,24
102,684,686	20,329,742		128,240,470	2,540,632	130,781,10

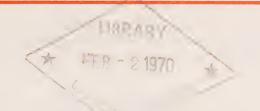
^{...} Figures not appropriate or not applicable.



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\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5, No. 5



January 22, 1970

Page

CONTENTS

1. Sales of Natural Gas, November 1969, Catalogue No. 55-002

Total sales of natural gas to Canadian consumers for November were 76,501,915 Mcf. This was an increase of 9.9% over the same month last year. Revenue from sales was \$49,484,159.

Sales for the first eleven months of 1969 were 752,502,425 Mcf.; an increase of 10.6% over the first eleven months last year. Exports continued to rise over the same period amounting to 613,383,051 Mcf.; an increase of 12.1%, while imports were 33,274,909 Mcf.; a decrease of 56.9%. Domestic revenues were up 7.4% and export revenues were up 14.9%.

Sales of Natural Gas, November 1969

Space heating		Custome	rs	0 - 1 1	P
Seridential:		Space heating	Total	Gas sold	Revenue
Seridential:		No.		Mcf.	Ś
New Brunswick		110.		1101.	Y
New Brunswick					
Quebec 106,501 204,781 1,408,222 2,112,60 Ontario 584,096 721,663 8,151,425 10,66,60 Manitoba 109,782 111,972 1,799,518 1,526,60 Saskatchewan 122,430 129,309 2,035,573 1,660,60 Alberta 269,733 272,294 5,146,785 2,776,78 British Columbia 184,916 209,232 3,009,082 4,348,78 Canada 1,377,588 1,646,521 21,553,396 22,440,78 Commercial: 65 2,043 4,48,78 Commercial: 65 2,043 4,48,78 Commercial: 65 2,043 4,58,62 Ontario 67,451 6,807,403 5,836,43 Manitoba 10,772 579,280 628,628,60 Canada 10,31,144,54 667,41 667,41 Alberta 30,802 4,542,958 1,714,71 British Columbia 27,022 2,579,208 1,414,71 Canada	Residential:				
Ontario 584,096 721,663 8,151,425 10,095,82 111,792 1,799,182 11,526,53 13,243 11,92 1,799,182 1,526,53 1,526,53 1,526,53 1,526,53 1,526,53 1,526,53 1,526,53 1,526,53 1,526,53 1,600,23 1,600,23 1,526,53 1,600,23 <th< td=""><td></td><td></td><td></td><td></td><td>9,40</td></th<>					9,40
Manitoba 109,782 111,972 1,799,518 1,526,	Quebec				2,112,9
Saskatchewan 122,430 124,909 2,035,573 1,606,55 2,776, British Columbia 184,916 209,232 3,009,082 4,348, Canada Canada 1,377,588 1,646,521 21,553,396 22,440, Canada Commercial: 65 2,043 4, Canada New Brunswick 65 2,043 4, Canada Quebec 10,727 5,79,280 628, Canada Ontario 6,7451 6,807,403 5,834, Manitoba 10,750 1,361,505 920, Canada Alberta 30,802 4,542,958 1,714, Canada 1,349, Canada 1,349, Canada 1,349, Canada 1,349, Canada 163,874 15,896,923 11,122, Canada Canada 2,032 2,579,208 1,414, Canada 16,891,896 9,629, Canada 1,414, Canada 16,891,896 9,629, Canada 1,414, Can	Ontario				10,066,3
Alberta 269,733 272,294 5,146,785 2,776, British Columbia 184,916 209,232 3,009,082 4,348, Canada 1,377,588 1,646,521 21,553,396 22,440, Commercial: New Brunswick 65 2,043 4, Quebec 10,272 579,280 628, Chario 67,451 6,807,403 5,838, Manitoba 10,750 1,361,505 920, Saskatchewan 17,125 1,141,454 667, Alberta 30,802 4,542,958 1,714, British Columbia 27,409 1,462,280 1,349, Canada 163,874 15,896,923 11,122, Industrial: New Brunswick Quebec 2,032 2,579,208 1,414, Canada 163,874 15,896,923 11,122, Industrial: New Brunswick Quebec 3,032 1,471,707 4,464, Chtario 8,544 16,891,896 9,629, Manitoba 303 1,471,707 4,464, Alberta 663 4,281,487 1,157, Alberta 7,31,33,393 1,887, British Columbia 350 3,473,359 1,388, Canada 12,545 39,051,596 15,920, Firm 11,877 31,136,183 12,623, Interruptible 668 7,915,413 3,297, Interruptible 668 7,915,413 3,297, Interruptible 123,025 4,632,730 2,891, Manitoba 123,025 4,632,730		-			
British Columbia 184,916 209,232 3,009,082 4,348, 224,440, 348, 348, 348, 348, 348, 348, 348, 348				2,035,573	
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Commercial:	British Columbia	184,916	209,232	3,009,082	4,348,3
New Brunswick 65 2,043 4, Quebec 10,272 579,280 68, 007,403 5,838,104 5,838,104 6,807,403 5,838,104 6,807,403 5,838,104 6,807,403 5,838,104 667,451 6,807,403 5,838,104 667,451 1,361,505 920, 11,454 667,41 667,41 1,361,505 920, 11,454 667,41 667,41 1,414,45 667,41 667,41 1,442,958 1,714,714,74 1,442,958 1,714,714,71 1,462,280 1,349,94 1,349,94 1,462,280 1,349,94 1,22,489,94 1,122,489,94 1,122,489,94 1,122,489,94 1,122,489,94 1,122,489,94 1,122,489,94 1,122,489,94 1,122,489,94 1,122,489,94 1,414,4	Canada	1,377,588	1,646,521	21,553,396	22,440,4
New Brunswick 65 2,043 4, Quebec 10,272 579,280 628, 628, 628, 628, 637,463 5,816,1605 500,7451 6,807,403 5,838, 628, 648, 648, 648, 648, 648, 648, 648, 64	ommercial:				
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Saskatchewan 17,125 1,141,454 667, Alberta 30,802 4,542,958 1,714, British Columbia 27,409 1,462,280 1,349, Canada 163,874 15,896,923 11,122, Industrial: 15,896,923 11,122, Industrial: 2,032 2,579,208 1,414,007 Ontario 8,544 16,891,896 9,629, Manitoba 303 1,471,707 444, Saskatchewan 643 4,281,487 1,157, Alberta 673 10,353,939 1,887, British Columbia 350 3,473,359 1,388, Canada 12,545 39,051,596 15,920, Firm 11,877 31,136,183 12,623, Interruptible 668 7,915,413 3,297, Cotal sales: 1,735 4,834 4,155, New Brunswick 1,735 4,834 13, Quebec 217,085 4,566,710 4,155, Ontario 797,658 31,850,724 25,533, Manitoba 123,025 4,632,730 2,891, Saskatchewan 142,677 7,458,514 3,425, Alberta 303,769<	Manitoba				920,2
Alberta 30,802 4,542,958 1,714, British Columbia 27,409 1,462,280 1,349, Canada 163,874 15,896,923 11,122, Industrial: New Brunswick 2 2,032 2,579,208 1,414, Ontario 8,544 16,891,896 9,629, Manitoba 303 1,471,707 444, Saskatchewan 643 4,281,487 1,157, Alberta 673 10,353,939 1,887, British Columbia 350 3,473,359 1,388, Canada 12,545 39,051,596 15,920, Firm 11,877 31,136,183 12,623, Interruptible 668 7,915,413 3,297, Cotal sales: New Brunswick 1,735 4,834 13, Quebec 217,085 4,566,710 4,155, Ontario 797,658 31,850,724 25,533, Manitoba 123,025 4,632,730 2,891, Saskatchewan 142,677 7,458,514 3,425, Alberta 303,769 20,043,682 6,378, British Columbia 236,991 7,944,721 7,085, Canada 1,822,940 76,501,915 49,484, Otal exports 63,599,152 16,652,	Saskatchewan		-		667,6
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Industrial: New Brunswick Quebec			27,409		1,349,2
New Brunswick 2,032 2,579,208 1,414,001 Ontario 8,544 16,891,896 9,629,629,629,629 Manitoba 303 1,471,707 444,633 Saskatchewan 643 4,281,487 1,157,735,739 Alberta 673 10,353,939 1,887,735,739 British Columbia 350 3,473,359 1,388,73,735 Canada 12,545 39,051,596 15,920,730 Firm 11,877 31,136,183 12,623,730 Interruptible 668 7,915,413 3,297,60 otal sales: 1,735 4,834 13,725 New Brunswick 1,735 4,834 13,725 Ontario 217,085 4,566,710 4,155,725 Ontario 797,658 31,850,724 25,533,725 Manitoba 123,025 4,632,730 2,891,525 Saskatchewan 142,677 7,458,514 3,425,54 Alberta 303,769 20,043,682 6,378,79,79,44,721 7,085,65 Canada 1,822,940 76,501,915 49,484,043 otal	Canada		163,874	15,896,923	11,122,7
Quebec 2,032 2,579,208 1,414,014 in parts Ontario 8,544 16,891,896 9,629,303 1,471,707 444,707 448,707 44,707 44,707 44,707 44,607 44,607 462,709 462,709	Industrial:				
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Alberta British Columbia Canada British Columbia	Saskatchewan		643		
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Interruptible 668- 7,915,413 3,297,6 otal sales: 1,735 4,834 13,6 New Brunswick 217,085 4,566,710 4,155,0 Ontario 797,658 31,850,724 25,533,0 Manitoba 123,025 4,632,730 2,891,0 Saskatchewan 142,677 7,458,514 3,425,0 Alberta 303,769 20,043,682 6,378,0 British Columbia 236,991 7,944,721 7,085,0 Canada 1,822,940 76,501,915 49,484,0 otal exports 63,599,152 16,652,9					
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New Brunswick 1,735 4,834 13,6 Quebec 217,085 4,566,710 4,155, Ontario 797,658 31,850,724 25,533, Manitoba 123,025 4,632,730 2,891, Saskatchewan 142,677 7,458,514 3,425, Alberta 303,769 20,043,682 6,378, British Columbia 236,991 7,944,721 7,085,6 Canada 1,822,940 76,501,915 49,484, otal exports 63,599,152 16,652,9	Interruptible	• • • • • • • • • • • • • • • • • • • •			3,297,0
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Ontario 797,658 31,850,724 25,533, Manitoba 123,025 4,632,730 2,891, Saskatchewan 142,677 7,458,514 3,425, Alberta 303,769 20,043,682 6,378, British Columbia 236,991 7,944,721 7,085,6 Canada 1,822,940 76,501,915 49,484, Otal exports 63,599,152 16,652,9	Quebec				4,155,8
Saskatchewan 142,677 7,458,514 3,425, Alberta 303,769 20,043,682 6,378, British Columbia 236,991 7,944,721 7,085,6 Canada 1,822,940 76,501,915 49,484, Otal exports 63,599,152 16,652,9	Untario				25,533,5
Saskatchewan 142,677 7,458,514 3,425, Alberta 303,769 20,043,682 6,378, Pritish Columbia 236,991 7,944,721 7,085,6 Canada 1,822,940 76,501,915 49,484, otal exports 63,599,152 16,652,9	Manitoba			4,632,730	2,891,0
Alberta	Saskatchewan			7,458,514	3,425,5
Canada	Alberta		- 1		6,378,9
otal exports	British Columbia	• • • • • • • • • • • • •	236,991	7,944,721	7,085,6
otal importa	Canada		1,822,940	76,501,915	49,484,1
otal imports	otal exports			63,599,152	16,652,9
	otal imports			1,636,616	696,7

2. Crude Oil Requirements, 1969-70

The crude oil requirements by Canadian refineries is estimated to increase to a total of 1,256 million B/D in 1970; an increase of 5.7% over last year.

Canadian crude requirements for refining are expected to increase by 5.2% from 668,000 B/D in 1969 to 703,000 B/D in 1970, while imported crude requirements for refining are expected to rise by 6.1% from 521,000 B/D in 1969 to 553,000 B/D in 1970.

Forecast new needs of crude oil for refining are expected to amount to 68,000 B/D in 1970, with domestic produced crude supplying 53% of these new needs (36,000 B/D) and imports 47% (32,000 B/D).

Crude oil exports for the first quarter of 1970 are estimated to average 619,000 B/D, an increase of 86,000 over the same period in 1969.

Canadian Crude Oil Requirements

Anticipated and Actual Refinery Receipts of Crude Oil, Condensate and Pentanes Plus

	Actual Jan Dec.	Estimated Jan Dec.		Actual 1969			Estima 1970		
	1968 ^r	1969	Jan.	Feb.	March	Jan.	Feb.	March	Jan. - Dec.
				'000 bar	rels per d	ау			
By source									
Domestic									
Western	641.4	664.3	669.1	677.8	691.7	723.0	723.4	673.4	699.8
Eastern	3.2	3.3	3.0	3.3	3.2	2.9	2.9	2.9	2.9
Totals	644.6	667.6	672.1	681.1	694.9	725.9	726.3	676.3	702.7
Imported	487.1	520.7	535.0	538.0	545.8	539.7	590.0	571.9	553.3
Total requirements	1,131.7	1,188.3	1,207.1	1,219.1	1,240.7	1,265.6	1,316.3	1,248.2	1,256.0
By location									
Atlantic	109.2 376.6 329.2 42.3 60.7 100.7 110.9	127.3 392.3 345.1 40.9 65.2 108.9 106.5 2.1	121.7 413.3 362.2 44.9 69.7 105.7 87.4 2.2	122.7 415.3 355.3 45.4 68.3 110.1 100.4	134.2 411.6 365.7 42.3 69.3 107.8 107.7 2.1	113.4 426.3 377.6 42.8 71.4 111.8 119.3 3.0	142.1 447.9 379.9 42.9 68.3 111.8 120.4 3.0	116.7 455.2 360.5 42.8 58.1 112.4 100.5 2.0	134.0 418.2 364.9 45.7 64.6 110.1 116.2 2.3
Total requirements Export requirements(1)	1,131.7		1,207.1	1,219.1 552.5	1,240.7	1,265.6	1,316.3	609.2	1,230.0
					1 61				

⁽¹⁾ Reported by the pipeline companies. .. Figures not available. r Revised figures.

Crude Oil Requirements 1969 and 1970

Summary of Crude Oil Requirements and New Needs (thousand barrels daily)

19	69		19	70	
Requir	ements	Requir	ements	New n	eeds
Volume	%	Volume	%	Volume	%
667	56	703	56	36	53
521	44	553	44	32	47
1,188	100	1,256	100	68	100
	Requir Volume 667 521	667 56 521 44	Requirements Requir Volume % Volume 667 56 703 521 44 553	Requirements Requirements	Requirements Requirements New no. Volume % Volume 667 56 703 56 36 521 44 553 44 32 100 68



For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

\$5.00 A YEAR

Catalogue No. 57-092 Vol. 5 No. 6 LIERARY LIEBUNG TORONTO

January 23, 1970

Oil Pipe Line Transport, November 1969, Cat. No. 55-001

Net receipts of crude Oil, condensate, pentanes plus and refined petroleum products by Canadian oil pipe lines, during November increased 13.1 per cent to 2,005,200 B/D from 1,773,000 B/D for the same period of the preceding year; domestic oils amounted to 1,556,000 B/D (up 11.7 per cent) and imported oils were 449,200 B/D (up 18.2 per cent).

Net deliveries of crude oil, condensate, pentanes plus and refined petroleum products during the month rose 16.1 per cent to 1,985,700 B/D from 1,710,000 B/D last year. Included in the month's deliveries were 1,372,800 B/D to domestic points (up 11.5 per cent) and 612,900 B/D for export (up 27.8 per cent).

For the eleven-month period, net receipts of all commodities were 1,833,400 B/D, an increase of 7.6 per cent over the same period of 1968; deliveries rose 7.9 per cent, to 1,825,100 B/D. The imports by pipeline for the period increased to 390,600 B/D while the exports of the same commodities rose to 560,000, B/D an increase of 6.5 per cent and 18.9 per cent, respectively.

Total traffic for November amounted to 28,174 million barrel miles with an average length of haul of 472.9 miles.

Oil held by Canadian pipe line systems totalled 25,373,111 barrels by the end of November. Inventories of crude oil and equivalent decreased by 149,266 barrels, while inventories held in Canada and the United States increased by 488,949 barrels.

Oil Pipe Line Supply and Disposition

		Novembe	r 1969		Year to d	ate 1969
Supply and disposition	Crude oil and equiva- lent	Refined petroleum products and L.P.G.'S.	Total volume	% change from November 1968	Total volume	% change from previous year
			'000 barr	els per day		
Net receipts						
Domestic	1,293.5 447.6	262.5 1.6	1,556.0 449.2	+ 11.7 + 18.2	1,442.8 390.6	+ 7.9 + 6.5
Total net receipts	1,741.1	264.1	2,005.2	+ 13.1	1,833.4	+ 7.6
Net deliveries						
Domestic Exports	1,132.0 594.5	240.8 18.4	1,372.8 612.9	+ 11.5 + 27.8	1,265.1 560.0	+ 3.7 + 18.9
Total net deliveries	1,726.5	259.2	1,985.7	+ 16.1	1,825.1	+ 7.9
Inventory change (barrels)	488,949	114,178	603,127	-	2,572,194	-

For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613;

\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5, No. 7

January 26, 1970

Preliminary(1) Report on Coal Production December 1969

Preliminary data indicate that coal production for the month of December amounted to 1,001,596 tons, a decrease of 4.8% from the 1968 preliminary production figure of 1,051,558 tons. Landed imports were 1,131,062 tons compared with 1,003,475 $^{\rm r}$ tons for the same period last year.

(1) Advanced publication of data included in Monthly publication No. 45-002 Coal and Coke Statistics.



- 2 -

Production and Landed Imports of Coal, by Provinces

			1	
	196	8	19	69
	Production(2)	Landed(1) imports	Production(2)	Landed(1) imports
		net tons of 2	,000 pounds	
December Newfoundland Nova Scotia New Brunswick Quebec	242,927 67,177	70,020 252 18,367	160,522 48,306	1,907 25,676 282 13,352
Ontario Manitoba Saskatchewan Alberta - Bituminous Sub-bituminous British Columbia and Yukon	247,744 69,772 355,594 68,344	914,691 ^r 145 - - -	263,754 105,470 351,587 71,957	1,089,597 248 - - -
Canada totals	1,051,558	1,003,475 ^r	1,001,596	1,131,062
Twelve months ended December				
Newfoundland Nova Scotia New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta - Bituminous Sub-bituminous British Columbia and Yukon	3,127,577 762,475 - - 2,247,176 948,018 2,925,047 905,127	9,242 518,302 1,791 815,840 15,980,607 ^r 1,748 1,683	2,614,574 703,860r - - 2,019,173 1,224,433 3,182,268 920,442r	8,278 531,560 1,943 821,459 15,836,531 5,004 1,153 538
Canada totals	10,915,420	17,329,420 ^r	10,664,750 ^r	17,206,466
(1) Cumplied by the Decision				

⁽¹⁾ Supplied by the Dominion Coal Board; do not necessarily agree with figures reported in Trade of Canada.

r Revised figures.

⁽²⁾ All figures are preliminary.

ENERGY

Page

Catalogue No. 57-002 Vol. 5 No. 8

CONTENTS

		1
1.	Coal and Coke Statistics, November 1969, Catalogue No. 45-002	1
2.	Preliminary Data Refined Petroleum Products, November 1969	2

1. Coal and Coke Statistics, November 1969, Cat. No. 45-002

Coal production for the month of November 1969 amounted to 985,606 tons a decrease of 5.1% from the November 1968 production of 1,037,972 tons, while landed imports were 1,921,799 tons compared with 2,008,674 tons for the month of November 1968. Consumption by industrial consumers amounted to 1,419,985 tons of coal and 460,011 of coke, a decrease of 174,318 tons of coal and 48,778 tons of coke from last year.

Industrial consumers' stocks of coal and coke increased to 7,489,831 tons from 7,270,145 tons in November 1968.

Coke production during the month of November 1969 decreased to 399,585 tons from 427,935 tons in November 1968, while coke used in blast furnaces decreased to 316,756 tons from 359,297 tons during the same period.

Coal and Coke Statistics

November 1969

			Coal			Со	ke
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
				tons			
Newfoundland	-	-	-	-	-	-	-
Prince Edward Island	-	~	~	-	_	_	-
Nova Scotia	192,247	22,637	191,146	55,474	14,080	44,728	-
New Brunswick	54,053	152	46,883	17,616	65,856	-	-
Quebec	-	72,684	-	89,030	277,164	55,505	198,893
Ontario	-	1,826,103	_	813,240	6,403,888	332,754	104,251
Manitoba	-	223	-	31,716	98,659	350	349
Saskatchewan	211,891	-	211,048	127,237	207,207		-
Alberta	463,444	-	428,932	274,879	62,093	359	213
British Columbia and Yukon	63,971	-	98,844	10,793	16,638	26,315	40,540
Total Canada 1969	985,606	1,921,799	976,853	1,419,985	7,145,585	460,011	344,246
Total Canada 1968	1,037,972	2,008,674	1,073,841	1,594,303	6,937,263	508,789	332,882

2. Preliminary Data "Refined Petroleum Products"

Production of refined petroleum products increased 9.0% in November to 37,301,269 barrels from 34,236,847 barrels in the same month last year, according to an advance release of data that will be contained in the November issue of the DBS report "Refined Petroleum Products," Catalogue No. 45-004.

Receipts of crude oil increased 14.1% in November to 39,297,835 barrels from 34,453,678 a year earlier. There was 10.9% more domestic crude at 20,570,820 barrels versus 18,544,737 and, 17.7% more imported crude at 18,727,015 barrels versus 15,908,941 Domestic disappearance of finished petroleum products decreased, 2.9% to 43,449,564 barrels from 44,765,566 in the same month last year.

NET SALES In Canada Of Selected Petroleum Products, November 1969

gasoline stove oil Diesel 186,089 118,708 199,590 772,315 281,806 273,462 3,564,271 978,624 811,139 4,434,332 449,751 875,178 615,184 118,761 204,798 718,421 140,479 220,013 1,266,771 59,531 444,313 1,200,723 154,042 586,458 12,774,064 2,310,006 3,634,755 145,168,216 16,485,930 42,046,110		Motor	Kerosene		Fuel oil		Total all	Total all products	products
186,089 118,708 199,590 772,315 281,806 273,462 3,564,271 978,624 811,139 4,434,332 449,751 875,178 615,184 118,761 204,798 718,421 140,479 220,013 erritories 1,200,723 154,042 586,458 12,774,064 2,310,006 3,634,755 12,774,064 2,310,006 3,634,755 145,168,216 16,485,930 42,046,110		gasoline	stove oil	Diesel	Light	Heavy	products	Cumulative 1969	Cumulative 1968
186,089 118,708 772,315 281,806 3,564,271 978,624 4,434,332 449,751 615,184 118,761 718,421 140,479 718,421 140,479 718,421 15,958 8,304 1,200,723 154,042 12,774,064 2,310,006 145,168,216 16,485,930				bal	barrels of 35 Ca	Canadian gallons	1S		
772,315 281,806 3,564,271 978,624	•	186,089	118,708	199,590	191,224	643,063	1,456,138	12,325,293	11,109,675
o 3,564,271 978,624 ba 4,434,332 449,751 chewan 615,184 118,761 a	0 0 0 0 0	772,315	281,806	273,462	807,322	1,433,388	3,771,014	38,425,054	38,732,237
4,434,332 449,751 615,184 118,761 615,184 118,761 718,421 140,479 718,421 140,479 718,421 140,479 718,421 15,958 8,304 kon 1,200,723 154,042 12,774,064 2,310,006 12,774,064 2,310,006 145,168,216 16,485,930		3,564,271	978,624	811,139	3,179,680	4,580,171	14,891,754	138,329,485	129,610,616
columbia		4,434,332	449,751	875,178	3,873,612	2,451,553	13,771,555	137,905,281	135,164,349
mbia 1,266,771 140,479 1,266,771 59,531 erritories 15,958 8,304 als 12,774,064 2,310,006 ative 1969 145,168,216 16,485,930	toba	615,184	118,761	204,798	193,864	97,940	1,352,423	15,170,121	14,777,340
Columbia 1,266,771 59,531 columbia 1,200,723 154,042 est Territories 15,958 8,304 at totals 12,774,064 2,310,006 cumulative 1969 145,168,216 16,485,930	atchewan	718,421	140,479	220,013	180,385	37,855	1,425,013	17,508,392	17,580,733
tories 15,958 8,304 8,304 12,774,064 2,310,006 145,168,216 16,485,930		1,266,771	59,531	444,313	100,390	11,970	2,203,453	25,698,209	24,420,775
West Territories 15,958 8,304 Yukon 12,774,064 2,310,006 a cumulative 1969 145,168,216 16,485,930	:	1,200,723	154,042	586,458	529,482	655,682	3,566,510	41,708,166	39,036,125
12,774,064 2,310,006 145,168,216 16,485,930		15,958	8,304	19,808	16,877	8	81,072	2,661,523	1,307,240
145,168,216 16,485,930		12,774,064	2,310,006	3,634,759	9,072,836	9,911,622	42,518,932	ı	,
217 101 21 213 220 071	ada cumulative 1969	145,168,216	16,485,930	42,046,110	80,128,228	91,084,117	1	429,731,524	6
140,022,010 10,171,410	Canada cumulative 1968	140,022,513	16,191,418	39,505,740	77,626,019	88,801,869	ı	ı	411,739,090

Refinery Production In Canada Of Selected Petroleum Products, November 1969

				Fuel oil		E	Total all	products
	Motor gasoline	Kerosene stove oil	Diesel	Light	Heavy	products	Cumulative 1969	Cumulative 1968 ^r
			pg	barrels of 35 C	35 Canadian gallons	su		
Newfoundland	(3)	(1)	1	(1)	(1)	(1)	(1)	(1)
Maritimes	993,310	236,634	(2)	713,288	1,177,753	5,286,060	43,663,311	35,698,166
Quebec	3,718,089	803,593	1,202,740	2,527,496	3,406,412	11,346,251	128,550,558	125,259,360
Ontario	3,981,295	383,953	1,163,811	1,595,114	1,544,779	10,210,578	113,109,956	109,011,153
Manitoba	577,772	83,953	118,673	219,341	121,736	1,323,747	13,496,132	14,220,890
Saskatchewan	1,100,030	151,795	199,476	303,291	210,160	2,239,048	21,571,077	20,381,976
Alberta	1,666,138	37,185	582,164	343,866	166,820	3,452,025	36,889,943	34,574,530
British Columbia	1,330,538	166,267	1,010,527	102,273	396,498	3,391,795	35,677,947	37,563,133
North West Territories and Yukon	1,126	9	14,232	11	4,374	51,765	704,254	706,257
Canada totals	13,368,298	1,863,374	4,291,623	5,804,680	7,028,532	37,301,269	ı	1
Canada cumulative 1969	141,014,857	17,838,410	46,069,878	60,965,725	69,836,756	f	393,663,178	1
Canada cumulative 1968	134,749,638	16,622,127	44,672,933	58,633,338	66,313,068	ŝ	,	377,415,465
(1) Included with Maritimes.	mes.							

(1) included with Mainting (2) Included with Quebec.

r Revised figures.

- 5
IMPORTS Into Canada of Selected Petroleum Products, November 1969

	Motor	Kerosene		Fuel oil		Total all
	gasoline	stove oil	Diese1	Light	Heavy	products
		barr	els of 35	Canadian gal	lons	
Maritimes Quebec Ontario All other	33,417 804,546 - 3,050	77,147 580,855 - 29	304,360 250,787 612 18,216	233,447 459,353 195,405 119,906	1,046,001 2,434,241 291,748 211,852	1,811,377 5,896,512 1,417,246 548,769
Canada total	841,013	658,031	573,975	1,008,111	3,983,842	9,673,904

EXPORTS Of Selected Petroleum Products, November 1969

·	Motor	Kerosene		Fuel oil		Total all
	gasoline stov	stove oil	Diese1	Light	Heavy	products
		barr	els of 35	Canadian gal	lons	
Maritimes Quebec Ontario Saskatchewan Alberta	- - - -	2,689	14,406 - - -	- 80,998 - -	7,703	23,721 135,133 828 7,703
British Columbia	45,730	-	57,954	64,498	-	186,961
Canada total	45,730	2,689	72,360	145,496	7,703	354,346



\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5, No. 9

February 1970

Preliminary Electric Energy Statistics, December 1969, Catalogue No. 57-001

Net generation of electric energy increased 8.2% to 18,135,198 thousand kwh. in December 1969 from 16,761,038 thousand kwh. in December 1968. There were increases in net generation in all provinces except Nova Scotia, where there was a decrease of 5.5%. The largest increases occurred in Yukon Territory and New Brunswick where they amounted to 46.6% and 16.0% respectively. In December, as has been the case for several previous months, favourable water conditions resulted in hydro generation increasing 12.8%, while thermal generation decreased 4.5%.

Imports decreased 41.1% and exports increased 5.1% compared with December 1968. Firm energy consumption increased 6.7%.

Total generation for the twelve month period ending December 31, 1969 amounted to 190,418,640 thousand kwh. compared with 189,044,480° thousand kwh. ending in November.

Seasonally adjusted net generation in December amounted to 16,562 million kwh. compared with 15,979 million kwh. in November and 16,116 million kwh. in October. Firm energy consumption amounted to 16,427 million kwh. on a seasonally adjusted basis. The comparable figures for November and October were 15,881 million kwh. and 15,940 million kwh. respectively.

- 2 Preliminary Electric Energy Statistics
(thousand Kwh)

December 1969 1968 1967 13,886,078 12,310,216 11,958,160 Net generation - Hydro 4,249,120 4,450,822 3,351,733 Thermal 18,135,198 16,761,038 15,309,893 Total net generation 310,418 527,441 351,538 Energy imported from U.S.A. Energy exported to U.S.A.: 74,127 70,817 57,852 Firm 309,123 293,813 264,131 Secondary 383,250 364,630 321,983 Total exported to U.S.A. ... 18,062,366 16,923,849 15,339,448 Net energy used in Canada 156,719 137,331 299,757 Secondary energy used in Canada 17,905,647 16,786,518 15,039,691 Firm energy used in Canada

r Revised figures.

\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5, No. 10



February 1970

Crude Petroleum and Natural Gas Production, October 1969, Cat. No. 26-006

According to preliminary data, the production of crude petro-leum and equivalent hydrocarbons during October 1969 amounted to 37,970,263 barrels (1,224,847 barrels per day) an increase of 9.8 per cent or 109,397 barrels per day from October 1968.

Preliminary figures of natural gas net new production in October 1969 indicate an increase of 15.0 per cent to 191,072,698 Mcf. from 166,093,832 Mcf. in October 1968.



TABLE 1. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, October 1969

	New Brunswick	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
Supply				_	barrels of 35	Canadian	gallons			
Domestic production Crude oil Synthetic crude oil Less returned to formation	1,039	91,281	532, 263	7,009,096	24,907,865 828,765 1,033,750	2,215,945	63,453	34,820,942 828,765 1,033,750	:::	34, 820, 942 828, 765 1, 033, 750
Totals	1,039	91,281	532,263	7,009,096	24,702,880	2,215,945	63,453	34,615,957		34,615,957
Condensate	1 1	1)	8 8	24,703	69,325	5,996	, 1	75,321		75,321
Net withdrawals	1,039	91,281	532,263	7,033,799	27, 926, 738	2,321,690	63,453	37,970,263		37,970,263
Imports	:	:	•		•	*	•		15,016,913	15,016,913
Total supply	1,039	91,281	532,263	7,033,799	27,926,738	2,321,690	63,453	37,970,263	15,016,913	52, 987, 176
Disposition										
Deliveries to refineries										
Quebec	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1	3,413,302	3,413,302
Ontario		91,281	401,426	3,939,964	5,540,779	1	1	9,973,450	11,0001,737	9,973,450
Manitoba	1	1		773,228	159,176	ı	1	948,847	8	948,847
Alberta	1 (1 1	1 1	31,998	3,431,661	1 1) [1,292,232	1	1,292,232
British Columbia	ı	1	1	1	1,248,856	2, 321, 371	1 1	3,570,227	1 6	3,570,227
			0	1	1	1	31,606	31,606	1	31,606
Totals	•	91,281	417,869	4,805,190	11,580,706	2, 321, 371	31,606	19,248,023	15,015,039	34, 263, 062
Exports to U.S.A. Petroleum Administration District I II IV	1 1 1	1 (1)	94,463	162,640 2,037,837	2,351,062 5,375,163 1,369,576 5,481,110	286,575	1 1 1 1	2,513,702 7,507,463 1,369,576 5,767,685	1 1 1 1	2, 513, 702 7, 507, 463 1, 369, 576 5, 767, 685
Totals	1	1	94,463	2,200,477	14,576,911	286,575	ł	17,158,426	•	17,158,426
Inventories Opening - Field and plant	607 6		007 64	000	6					
Transporters'	2,102	1 1	20,512	5,505,449	26,663,940	1,364,811	88, 798	2,246,941	359, 835	2,246,941
Closing - Field and plant Transporters'	2,791	1 1	68,054 44,848	475,000 5,534,581	1,570,967	- 26,618 1,127,368	120,645	2,210,839		2,210,839 35,186,534
Net change	89	1	18,892	24,132	1,407,617	- 246,692	31,847	1,235,885	ı	1,235,885
Deliveries to other purchasers	950	ı	1	,	6,965	870	ı	8, 785	1	8.785
Pipeline fuel	1	1	1	, 000	9,507		1	9,507	ı	9,507
Losses and adjustments			1,039	4,000	290,373	- 40,434	(*)	250,978	1,874	58,65 9 252,852
Total disposition	1,039	91,281	532,263	7,033,799	27,926,738	2, 321, 690	63,453	37, 970, 263	15,016,913	52,987,176
Figures not appropriate or not applicable,	applicable.									

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, October 1969

No.		New Brunswick	Quebec	Ontario	Saskatchewan
			Mci	•	
	A. FIELD AND PROCESSING PLANTS	ł			
	<u>Supply</u>				
1 2	Gross new production	8,437	13,286	878,713	6,716,495 887,183
3	Net new production (1 - 2)	8,437	13,286	878,713	5,829,312
4 5	ReproducedLess injected and stored	-	-	-	-
6	Net withdrawals	8,437	13,286	878,713	5,829,312
	Disposition				
7 8 9	Field disposition and uses	199	-	-	333,191 96,073
9a 9b	Processing shrinkage	-	-	-	197,329
10	Other uses	~	-	-	207,515 74,596
11 12	AdjustmentDeliveries of marketable gas	8,238	13,286	878,713	4,920,608
13	Total disposition	8,437	13,286	878,713	5,829,312
	B. GAS UTILITIES				
	Supply				
14 14a 14b	Receipts of marketable gas Plants Fields	8,238	13,286	878,713	1,743,829 3,176,779
15	Total (14a + 14b)	8,238	13,286	878,713	4,920,608
1.6	Receipts from distributor storage			4,424,430	
17 17a	Imports	-	-	4,424,430	800,182
	Other receipts(1)	-	-	-	-
18	Total supply of marketable gas (15 + 16 + 17 + 17a)	8,238	13,286	5,303,143	5,720,790
	Disposition				
	Sales				
9	British Columbia				
20	Alberta		-	-	-
21	Saskatchewan Manitoba	-		-	1,632,520
3	Ontario	-	-	-	-
4	Quebec		13,286	4,750,102	-
5	New Brunswick	3,870	-	-	-
6	Total sales (19 to 25 inclusive)	3,870	13,286	4,750,102	1,632,520
7 8	Exports	-	-		-
9	Delivered to distributor storage	•	-	-	*
0	ripellie line back fluctuation		And the state of t	-	527,499
4	riberine ruei	-		26,429	148,425
-	riperine losses etc	4,368	-	526,612	1,078,993 2,333,353
3	Total disposition of marketable gas (26 to 32 inclusive)	8,238	13,286	5,303,143	5,720,790

L.P.G. for gas enrichment, peak shaving or temporary supply.
 Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, October 1969

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
		Mcf.			
161,798,907 4,653,369	28,360,629	35,512 33,075	197,811,979 6,739,281		197,811,979 6,739,281
157,145,538	27,194,975	2,437	191,072,698		191,072,698
17,834,989	706,152	-	18,541,141		18,541,.141
139,310,549	26,488,823	2,437	172,531,557		172,531,557
657,028 - 118,518	702,444	-	1,692,862 - 25,345		1,692,862 - 25,345
18,385,642 7,699,695	625,833 3,099,582	-	19,208,804 11,006,792		19,208,804 11,006,792
80,014 - 1,957,695 114,564,383	71,539	2,437	157,047 - 1,886,156		157,047 - 1,886,156
139,310,549	21,992,325	2,437	142,377,553		142,377,553
94,050,623 20,513,760	21,531,813 460,512	-	117,326,265 25,051,288		117,326,265 25,051,288
114,564,383	21,992,325	-	142,377,553		142,377,553
420,345	-	-	5,644,957	2,007,475	5,644,957 2,007,475
11,131	73	-	11,204	2,007,475	11,204
114,995,859	21,992,398	-	148,033,714	2,007,475	150,041,189
908,970	5,807,781	-	6,716,751	10.170	6,716,751 17,784,226
17,774,047 3,906,324 3,400,554	-	-	17,774,047 5,538,844 3,400,554	10,179	5,538,844 3,400,554
18,676,373 4,387,909	-	-	23,426,475	1,997,362	25,423,837 4,401,195
-	-	-	3,870	-	3,870
49,054,177	5,807,781	-	61,261,736	2,007,541	63,269,277
47,215,733 3,157,918	14,272,228	-	61,487,961 3,157,918		3,157,918 3,853,415
3,325,916 345,958	53,403	-	3,853,415 547,786	-	547,786
3,784,111 8,112,046	1,304,625	-	6,194,158 11,530,740	- 66	6,194,158 11,530,674
			148,033,714	2,007,475	150,041,189



\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5, No. 11

February 1970

Crude Petroleum and Natural Gas Production,
November 1969, Catalogue No. 26-006

According to preliminary data, the production of crude petroleum and equivalent hydrocarbons during November 1969 amounted to 39,029,943 barrels (1,300,998 barrels per day) an increase of 13.3 per cent or 152,683 barrels per day from November 1968.

Preliminary figures of natural gas net new production in November 1969 indicate an increase of 15.2 per cent to 206,823,101 Mcf. from 179,501,382 Mcf. in November 1968.





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	New Brunswick	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
Supp1X					barrels of 35	Canadian	gallons			
Domestic production Crude oll Synthetic crude oil Less returned to formation	757	86,062	516,690	6,812,892	25,432,161 1,185,620 601,121	2,156,634	33,722	35,038,918 1,185,620 601,121	:::	35,038,918 1,185,620 601,121
Totals	757	86,062	516,690	6,812,892	26,016,660	2,156,634	33,722	35,623,417	:	35,623,417
Condensate	j t	1 1	t b	20,718	69,245 3,219,556	6,249	1 1	75,494	::	75,494
Net withdrawals	757	86,062	516,690	6,833,610	29,305,461	2,253,641	33,722	39,029,943	:	39,029,943
Imports	:	:		:	:	:	:	:	18,764,311	18,764,311
Total supply	757	86,062	516,690	6,833,610	29,305,461	2,253,641	33,722	39,029,943	18,764,311	57,794,254
Disposition										
Deliveries to refineries Atlantic Provinces Quebec Ontario Manitoba Saskatchewan Alberta British Columbia		86,062	218,108	4,222,523 721,704 243,125	6,133,575 561,602 1,889,053 3,341,716 1,481,137	1,724,644	51,765	10,660,268 1,299,187 2,133,178 3,341,716 3,205,781 51,765	4,876,506 13,885,358	4,876,506 13,885,358 10,660,268 1,299,187 2,132,178 3,341,716 3,265,781 5,1765
Totals	j	86,062	233,989	5,187,352	13,407,083	1,724,644	51,765	20,690,895	18,761,864	39,452,759
Exports to U.S.A. Petroleum Administration District I II IV	1 1 1		294,708	1,964,513	1,716,245 5,767,509 1,336,650 6,075,742	531,445	1 1 1 1	1,867,302 8,026,730 1,336,650 6,607,187	4 4 2 1	1,867,302 8,026,730 1,336,650 6,607,187
Totals	,	1	294,708	2,115,570	14,896,146	531,445	1	17,837,869	1	17,837,869
Inventories Opening - Field and plant Transporters' Closing - Field and plant	1,953	1 1 9 1	68,054 44,848 69,684 31,035	475,000 5,534,581 495,000 5,042,269	1,570,967 28,119,902 1,676,690 29,041,945	- 26,618 1,127,368 - 43,000 1,200,399	120,645	2,210,001 34,826,699 2,302,593 35,315,648	359,835	2,210,001 35,186,534 2,302,593 35,675,483
Net change	- 336	1	- 12,183	- 472,312	1,027,766	56,649	- 18,043	581,541	1	581,541
Deliveries to other purchasers Ripeline fuel Field and plant use Losses and adjustments	925	ł	176	3,000	1,735 15,811 52,792 - 95,872	71 - 59,168	1 1 1	2,731 15,811 55,792 - 154,696	2,447	2,731 15,811 55,792 - 152,249
Total disposition	757	86,062	516,690	6,833,610	29,305,461	2,253,641	33,722	39,029,943	18,764,311	57,794,254
Figures not appropriate or not applicable,	applicable.									

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, November, 1969

No.		New Brunswick	Quebec	Ontario	Saskatchewan
.,0.			Mcf.		
	A. FIELD AND PROCESSING PLANTS	1	1		
	Supply				
1 2	Gross new production Less field flared and waste	8,929	12,707	1,041,568	6,916,826 858,339
3	Net new production (1 - 2)	8,929	12,707	1,041,568	6,058,487
4 5	Reproduced	-	-	-	-
6	Net withdrawals	8,929	12,707	1,041,568	6,058,487
	Disposition				
7 8 9	Field disposition and uses Gathering system disposition and uses Processing plant disposition and uses:	189	-	-	311,310 40,882
9a 9b	Processing shrinkage Other disposition and uses	-	-	-	194,149 212,512
0	Other uses Adjustment	wip.	-	-	64,649
2	Deliveries of marketable gas	8,740	12,707	1,041,568	5,234,985
3	Total disposition	8,929	12,707	1,041,568	6,058,487
1	B. GAS UTILITIES				
1	Supply				
4	Receipts of marketable gas				
4a 4b	PlantsFields	8,740	12,707	1,041,568	1,879,308 3,355,677
5	Total (14a + 14b)	8,740	12,707	1,041,568	5,234,985
6	Receipts from distributor storage	_	44-	4,950,077	385,305
7a	Imports Other receipts(1)	-		-	-
3	Total supply of marketable gas (15 + 16 + 17 + 17a)	8,740	12,707	5,991,645	5,620,290
	Disposition				
-	Sales				
9	British Columbia				
	Alberta	-	-	-	-
2	Saskatchewan Manitoba	-	-	-	2,460,047
3	Ontario	-	-	5,369,059	-
	Quebec New Brunswick		12,707	-	_
	Total sales (19 to 25 inclusive)	4,834	-	-	-
		4,834	12,707	5,369,059	2,460,047
3	Exports	-	-	-	_
' }	Delivered to distributor storage	_		-	305.006
,	Pipeline line pack fluctuation Pipeline fuel	-		_	395,906 240,538
2	Pipeline losses etc.	3,906	-	30,219	1,361,892
3	Total disposition of marketable gas (26 to 32 inclusive)			592,367	1,161,907
	.P.G. for gas enrichment, peak shaving or temporary subject delivering for the state of the stat	8,740	12,707	5,991,645	5,620,290

⁽²⁾ Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, November 1969

	Total all sources	Total Foreign sources	Total Canadian sources	Northwest Territories	British Columbia	Alberta
N N				Mcf.	<u> </u>	
	213,365,226 6,542,125		213,365,226 6,542,125	36,948 31,870	29,540,153 1,008,583	175,808,095 4,643,333
01	206,823,101		206,823,101	5,078	28,531,570	171,164,762
56	16,899,056		16,899,056		522,393	16,376,663
45	189,924,045		189,924,045	. 5,078	28,009,177	154,788,099
	2,520,941 928,567	• • •	2,520,941 928,567	-	1,102,986	1,106,456 883,503
	21,923,541 10,614,091		21,923,541	-	615,561 3,054,307	21,113,831 7,347,272
8 1	147,598 1,923,901		147,598	5,078	178,190	77,871
	151,865,406	0 0 0 0 0	151,865,406	-	23,053,951	1,745,711 122,513,455
45 1	189,924,045		189,924,045	5,078	28,009,177	154,788,099
	23,001,776 128,863,630	• • •	23,001,776 128,863,630		482,860 22,571,091	20,639,608 101,873,847
06 1	151,865,406		151,865,406	-	23,053,951	122,513,455
	5,685,340	1 (2)((1)(5,685,340	-	-	349,958
	1,636,616	1,636,616	69,867	-	- 43	69,910
29	159,257,229	1,636,616	157,620,613	-	23,053,908	122,933,323
21 1	T 214 701					
32 2	7,944,721 20,043,682	10,740	7,944,721 20,032,942	-	6,956,900	987,821
30 2	7,458,514 4,632,730	**	7,458,514 4,632,730	-	-	4,998,467
10 2	31,850,724 4,566,710	1,626,353	30,224,371 4,566,710	-	-	4,632,730 24,855,312
34 2	4,834	-	4,834	-		4,554,003
	76,501,915	1,637,093	74,864,822	-	6,956,900	60,061,275
49 2	63,599,152 1,536,849	-	63,599,152 1,536,849	-	14,161,515	49,437,637
08 2	1,312,308 1,165,617	-	1,312,308	-	-	1,536,849
75 3	7,067,375		1,165,617 7,067,375	-	- 93,527 1,530,721	1,018,606
. 5	8,074,013	- 477	8,074,490	-	498,299	5,818,011
29 3	159,257,229	1,636,616	157,620,613			



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Catalogue No. 57-002 Vol. 6, No. 12

February 1970

Preliminary(1) Report on Coal Production January 1970

Preliminary data indicate that coal production for the month of January amounted to 1,117,201 tons, a decrease of 2.8% from the January 1969 preliminary production figure of 1,148,977 tons. Landed imports were 65,745 tons compared with 200,935 tons for the same period last year.

(1) Advanced publication of data included in Monthly publication No. 45-002 Coal and Coke Statistics.



6503-521

DBS REGIONAL OFFICES-St. Johns • Halifax • Montreal • Ottawa • Toronto • Winnipeg • Edmonton • Vancouver

- 2 Production and Landed Imports of Coal, by Provinces

	196	9	197	0
	Production(2)	Landed(1) imports	Production(2)	Landed(1) imports
		net tons of	2,000 pounds	
January				
Newfoundland	-	3,508	-	_
Nova Scotia	290,838	89,760	180,367	34,821
New Brunswick	66,313	246	65,322	55
Quebec	-	15,992	-	5,836
Ontario	-	91,336	OND.	25,003
Manitoba	-	93	-	. 30
Saskatchewan	261,698	-	285,417	
Alberta: Bituminous Sub-bituminous	76,877 376,901	-	130,791 371,223	1
British Columbia and Yukon	76,350	-	84,081	-
Canada totals	1,148,977	200,935	1,117,201	65,745

⁽¹⁾ Supplied by the Dominion Coal Board; do not necessarily agree with figures reported in Trade of Canada.

⁽²⁾ All figures are preliminary.

\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5, No. 13



February 1970

Preliminary Data Refined Petroleum Products, December 1969

Production of refined petroleum products increased 5.0% in December to 40,007,200 barrels from 38,095,029 barrels in the same month last year, according to an advance release of data that will be contained in the December issue of the DBS report "Refined Petroleum Products." Catalogue No. 45-004.

Receipts of crude oil decreased 3.6% in December to 36,044,490 barrels from 37,395,585 a year earlier. There was 4.3% less domestic crude at 20,453,034 barrels versus 21,371,099 barrels and, 2.7% less imported crude at 15,591,456 barrels versus 16,024,486. Domestic disappearance of finished petroleum products increased 4.5% to 53,155,472 barrels from 50,881,444 in the same month last year.

Refinery Production In Canada Of Selected Petroleum Products, December 1969

				Fuel oil			Total all	products
	Motor gasoline	Stove oil	Diesel	Light	Heavy	Total all products	Cumulative 1969	Cumulative 1968 ^r
			p	barrels of 35	Canadian gallons	ons		
Newfoundland	(1)	(1)	1	(1)	(1)	(1)	(1)	(1)
Maritimes	1,165,916	253,213	(2)	1,136,337	1,084,541	3,652,546	45,588,486	39,666,301
Quebec	3,825,488	972,464	1,180,414	2,922,340	3,642,356	13,768,233	144,046,162	137,865,371
Ontario	4,496,064	689,992	522,009	2,508,841	1,971,960	11,834,855	124,944,811	120,255,587
Manitoba	637,825	82,151	143,586	173,966	167,792	1,360,089	14,856,221	15,611,765
Saskatchewan	1,036,429	136,999	326,811	228,945	190,395	2,134,027	23,675,619	22,307,295
Alberta	1,641,246	58,062	696,256	241,045	182,341	3,533,319	40,423,262	38,005,460
British Columbia	1,420,519	274,719	872,619	199,536	438,253	3,674,295	39,302,480	41,048,051
North West Territories and Yukon	1,836	i	18,706	304	7,879	49,836	754,090	750,664
Canada totals	14,225,323	2,467,600	3,760,401	7,411,314	7,685,517	40,007,200	1	ı
Canada cumulative 1969	155,240,179	20,305,910	49,830,279	68,377,039	77,447,228	1	433, 591, 131	1
Canada cumulative 1968	147,980,851	18, 392, 881	48,341,027	66,065,342	74,135,304	1	ı	415,510,494
(1) Included with Maritimes.	mes.							

(2) Included with Quebec.

Revised figures.

NET SALES In Canada Of Selected Petroleum Products, December 1969

products	Cumulative 1968		12,386,411	43,408,558	146,130,309	151, 373, 866	16,311,589	19,072,495	26,697,041	42,855,640	1,391,752	t	1	459,627,661
Total all	Cumulative 1969		13, 938, 361	43,185,712	155,073,212	155,021,080	16,750,401	18,986,621	27,958,013	45,821,423	1,776,940	t	478,511,763	1
Total all	products	su	1,613,068	4,748,952	16,743,727	17,093,069	1,580,280	1,478,229	2,259,804	4,156,073	115,417	49,788,619	ı	1
	Heavy	Canadian gallons	739,888	1,568,842	5,439,286	3,179,606	139,101	69,941	29,689	704,461	1	11,870,814	102,954,931	99,490,391
Fuel oil	Light	barrels of 35 C	257,969	1,288,777	5,018,176	6,216,246	293,580	269, 295	126,642	827,786	38,767	14,337,238	94,488,196	92,069,208
	Diesel	ba	199,788	358,245	840,191	874,063	195,424	172,290	475,806	613,266	15,127	3,744,200	45,790,310	42,802,826
Kerosene	stove oil		153,519	438,169	997,892	622,258	147,702	158,633	76,701	214,595	9,539	2,819,008	19,305,343	19,232,000
Motor	gasoline		192,217	880,281	3,274,771	5,002,871	650,049	725,415	1,298,107	1,299,225	20,673	13,343,609	158,511,825	152,825,765
			Newfoundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	North West Territories and Yukon	Canada totals	Canada cumulative 1969	Canada cumulative 1968

- 4 -

IMPORTS Into Canada of Selected Petroleum Products, December 1969

	Motor	Kerosene		Fuel oil		Total all
	gasoline	stove oil	Diese1	Light	Heavy	products
		barr	els of 35	Canadian gal	lons	
Maritimes Quebec Ontario All other	68,212 188,082 - 331	122,557 224,353 157	492,571 964,835 - 111,538	303,008 621,702 43,978 4,103	616,416 3,030,188 164,767 127,966	1,670,508 5,268,683 584,677 377,276
Canada total	256,625	347,067	1,568,944	972,791	3,939,337	7,901,144

EXPORTS* Of Selected Petroleum Products, December 1969

				Fuel oil		
	Motor gasoline	Kerosene stove oil	Diese1	Light	Heavy	Total all products
		barr	els of 35	Canadian gal	lons	
Maritimes Quebec Ontario Saskatchewan Alberta British Columbia	53,256	- 43 1,802 - -	3,376 - - - 72,125	303,711 - - 26,959	15,436	12,976 341,327 - 16,226 152,901
Canada total	53,256	1,845	75,501	330,670	15,436	523,430

^{*} Only those made by respondents to the Refined petroleum Products survey.

\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5, No. 14



March 1970

Sales of Natural Gas, December 1969, Catalogue No. 55-002

Total sales of natural gas to Canadian consumers for December were 90,787,970 Mcf. This was an increase of 6.2% over the same month last year. Revenue from sales was \$61,890,138.

Sales for the twelve months of 1969 were 843,165,003 Mcf., an increase of 10.1% over the same period last year. Exports continued to rise over the period amounting to 680,109,395 Mcf., an increase of 12.5% while imports were 34,935,563 Mcf., a decrease of 57.2%. Revenues were up 15.4%.

Sales of Natural Gas, December 1969

	Custome	rs	Gas sold	Danas
S	Space heating	Total	Gas sold	Revenue
	No.		Mcf.	\$
	1			
Residential: New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta British Columbia	130 185,151 595,408 110,783 122,864 269,237 185,538	1,681 205,387 726,916 112,983 125,352 274,724 210,996	2,756 2,171,129 13,148,013 2,281,194 2,364,902 5,985,993 3,436,822	9,480 3,015,959 15,642,960 1,899,871 1,793,684 3,056,132 4,318,353
Canada	1,469,111	1,658,039	29,390,809	29,736,439
Commercial: New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta British Columbia		54 10,293 68,358 10,906 17,302 31,197 27,710	2,300 713,004 9,770,090 1,752,651 1,362,898 5,580,618 1,856,906	4,876 818,196 8,377,344 1,161,992 786,713 2,074,310 1,698,252
Canada	• • • • • • • • • •	165,820	21,038,467	14,921,683
Industrial: New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta British Columbia		2,020 8,592 303 659 525 345	2,032,900 18,029,552 1,271,032 3,936,232 11,204,873 3,884,105	1,358,981 10,476,048 409,520 1,212,152 2,133,109 1,642,206
Canada	• • • • • • • • • • •	12,444	40,358,694	17,232,016
Firm Interruptible	• • • • • • • • • • • •	11,775	34,588,552 5,770,142	14,735,256 2,496,760
Total sales: New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta British Columbia		1,735 217,700 803,866 124,192 143,313 306,446 239,051	5,056 4,917,033 40,947,655 5,304,877 7,664,032 22,771,484 9,177,833	14,356 5,193,136 34,496,352 3,471,383 3,792,549 7,263,551 7,658,811
Canada	• • • • • • • • • • • •	1,836,303	90,787,970	61,890,138
Total exports			66,716,344	17,518,034
Total imports			1,660,654	740,144

\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5 No. 15



March 1970

Coal and Coke Statistics, December 1969, Cat. No. 45-002

Coal production for the month of December 1969 amounted to 1,004,059 tons a decrease of 6.3% from the December 1968 production of 1,071,552 tons, while landed imports were 1,135,122 tons compared with 1,003,475 tons for the month of December 1968. Consumption by industrial consumers amounted to 1,695,903 tons of coal and 519,892 tons of coke, a decrease of 267,786 tons of coal and an increase of 18,652 tons of coke from last year.

Industrial consumers' stocks of coal and coke increased to 6,837,692 tons from 6,828,709 tons in December 1968.

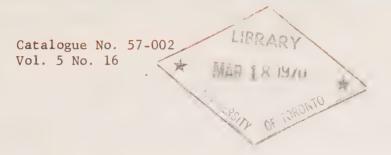
Coke production during the month of December 1969 increased to 476,670 tons from 446,808 tons in December 1968, while coke used in blast furnaces increased to 360,404 tons from 352,092 tons during the same period.

Coal and Coke Statistics

December 1969

			Coal			Co	ke
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
				tons			
Newfoundland	-	1,907	-	-	-		-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	163,264	25,676	169,011	36,251	12,631	44,236	-
New Brunswick	48,306	741	44,206	21,751	66,697	-	-
Quebec	-	7,167	-	92,299	246,375	55,580	180,428
Ontario	-	1,099,310	-	1,024,336	5,821,958	391,875	93,680
Manitoba	-	248	٠	43,246	105,632	388	485
Saskatchewan	263,754	-	263,638	171,439	205,689	-	-
Alberta	456,868	-	487,294	296,569	44,915	361	311
British Columbia and Yukon	71,867	73	67,355	10,012	16,350	27,452	42,541
Total Canada 1969	1,004,059	1,135,122	1,031,504	1,695,903	6,520,247	519,892	317,445
Total Canada 1968	1,071,552	1,003,475	1,171,730	1,963,689	6,518,537	501,240	310,172

\$5.00 A YEAR



March 1970

Retail Gasoline Statistics by Metropolitan Area

Fourth Quarter 1969

Retail sales of gasoline in Canada's major metropolitan areas for the fourth quarter of 1969 were 434.5 million gallons. This amount was dispensed through 7,188 outlets.

The breakdown by area is as follows:

				Metro	politan A	reas			
	Montreal	Ottawa* Hull	Toronto Hamilton	Winnipeg*	Regina*	Calgary*	Edmonton*	Vancouver*	Total
Outlets									
Number of branded outlets	2,230	440	2,176	411	136	365	407	921	7,086
Number of other outlets	84	-	18	-	-	-	_	-	102
Totals	2,314	440	2,194	411	136	365	407	921	7,188
<u>Gallonage</u> ('000 gallons)									
Dispensed through branded outlets	120,611	25,526	151,965	24,542	8,678	21,737	23,859	53,283	430,201
Dispensed through other outlets	3,258	wh	1,029	-	-	-	-	-	4,287
Total	123,869	25,526	152,994	24,542	8,678	21,737	23,859	53,283	434,488

Note: The number of service stations of each area may not compare with that of previous quarters. This is due to revisions or to normal fluctuations of service stations. *In all areas except Montreal and Toronto-Hamilton, branded and other outlets are combined.

Using estimated vehicle registration statistics, passenger cars per service station in the eight metropolitan areas averaged 394. The Toronto-Hamilton area has an average of 474 passenger cars per station followed by Ottawa-Hull with 421, Winnipeg 412, Vancouver 411, Calgary 362, Regina 357, Edmonton 344 and Montreal 320.

Population per car in these metropolitan areas is estimated at 3.0. This compares with the Canada figure of 3.4. The city of Vancouver has a population per car of 2.5, followed by Calgary, Toronto-Hamilton, Ottawa-Hull, Regina, Edmonton, Winnipeg and Montreal with the last area registering a ratio of 3.7 persons per car.

During the fourth quarter of 1969 gasoline sold through retail pump outlets in the metropolitan areas averaged 135 gallons per vehicle. Regina shows an average of 149 gallons; Montreal 147; Edmonton 138; Calgary 135; Toronto-Hamilton 131; Winnipeg 127; Vancouver and Ottawa-Hull 124.

With the exception of Montreal, Ottawa-Hull and Toronto-Hamilton, Metropolitan areas are identical with census metropolitan areas. Estimates of population and number of vehicles for the eight metropolitan areas are as follows:

	Population* 1st June 1968	Passenger cars(1, 2)*	Commercial vehicles(1)*
Montreal	2,744,000	740,700	99, 700
Ottawa-Hull	527,000	185,300	19,900
Toronto-Hamilton	2,866,000	1,039,700	123,800
Winnipeg	523,000	169,500	23,300
Regina	137,000	48,600	9,600
Calgary	361,000	132,200	29,000
Edmonton	425,000	140,000	33,100
Vancouver	953,000	378,500	50,100
Canada, total	20,744,000	6,051,800	1,788,500

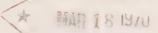
^{(1) 1968} registrations.

⁽²⁾ Taxis included.

^{*} Estimates.

\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5 No. 17



March 1970

Oil Pipe Line Transport, December 1969, Cat. No. 55-001

Errata: Service bulletin No. 12, Preliminary Coal, January 1970 should have read Vol. 5 instead of Vol. 6.

Net receipts of crude oil condensate, pentanes plus and refined petroleum products by Canadian oil pipe lines during December increased 11.0 per cent to 2,080,700 B/D from 1,874,800 B/D for the same period of the preceding year; domestic oils amounted to 1,653,300 B/D (up 11.7 per cent) and imported oils were 427,400 B/D (up 8.2 per cent).

Net deliveries of crude oil, condensate, pentanes plus and refined petroleum products during the month rose 14.3 per cent to 2,081,600 B/D from 1,821,100 B/D last year. Included in the month's deliveries were 1,419,200 B/D to domestic points (up 6.4 per cent) and,662,400 B/D for export (up 36.1 per cent).

For the twelve-month period, net receipts of all commodities were 1,854,400 B/D, an increase of 7.9 per cent over the same period of 1968; deliveries rose 8.5 per cent, to 1,846,800 B/D. The imports by pipe line for the period increased to 393,700 B/D while the exports of the same commodities rose to 568,700 B/D, an increase of 6.7 per cent and 20.4 per cent, respectively.

Total traffic for December amounted to 31,649 million barrel miles with an average length of haul of 490.4 miles.

Oil held by Canadian pipe line systems totalled 24,951,074 barrels by the end of December. Inventories of crude oil and equivalent decreased by 404,205 barrels, while inventories held in Canada and the United States increased by 50,977 barrels.

Oil Pipe Line Supply and Disposition

		Decembe	r 1969		Year to d	ate 1969
Supply and disposition	Crude oil and equiva- lent	Refined petroleum products and L.P.G.'S.	Total volume	% change from December 1968	Total volume	% change from previous year
			'000 barr	els per day		
Net receipts						
Domestic	1,359.8 425.0	293.5 2.4	1,653.3 427.4	+ 11.7 + 8.2	1,460.7 393.7	+ 8.2 + 6.7
Total net receipts	1,784.8	295.9	2,080.7	+ 11.0	1,854.4	+ 7.9
Neb deldrender						
Net deliveries						
Domestic Exports	1,137.6 644.3	281.6 18.1	1,419.2 662.4	+ 6.4 + 36.1	1,278.1 568.7	+ 3.9 + 20.4
Total net deliveries	1,781.9	299.7	2,081.6	+ 14.3	1,846.8	+ 8.5
Inventory change (barrels)	50,977	- 129,185	- 78,208	-	2,493,713	-

\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5, No. 18



Preliminary Electric Energy Statistics, January 1970 Catalogue No. 57-001

Net generation of electric energy increased 9.2% to 18,869,916 thousand kwh. in January 1970 from 17,281,063 thousand kwh. in January 1969. There were increases in net generation in all provinces except Nova Scotia where there was a slight decrease of 0.5%. The largest increases occurred in Yukon Territory and Prince Edward Island where they amounted to 58.2% and 18.8% respectively. Hydro generation in January 1970 increased 11.5% over the same month last year, while thermal generation increased 3.2%.

Imports decreased 48.6% and exports decreased 6.1% compared with January 1969. Firm energy consumption increased 8.3%.

Total generation for the twelve month period ending January 31, 1970 amounted to 192,007,793 thousand kwh. compared with 190,418,940r thousand kwh. for the twelve months ending December 1969.

Seasonally adjusted net generation in January 1970 amounted to 16,924 million kwh. compared with 16,562 million kwh. in December 1969, and 15,979 million kwh. in November. Firm energy consumption amounted to 16,649 million kwh. on a seasonally adjusted basis. The comparable figures for December and November were 16,427 million kwh. and 15,881 million kwh. respectively.

- 2 -

Preliminary Electric Energy Statistics

(thousand Kwh)

		January	
	1968	1969	1970
Net generation - Hydro	12,070,500	12,410,746	13,842,712
Thermal	3,941,340	4,870,317	5,027,204
Total net generation	16,011,840	17,281,063	18,869,916
Energy imported from U.S.A	373,102	461,349	236,992
Energy exported to U.S.A.:			
Firm	55,636	67,627	72,294
Secondary	297,578	358,836	328,042
Total exported to U.S.A	353,214	426,463	400,336
Net energy used in Canada	16,031,728	17,315,949	18,706,572
Secondary energy used in Canada	247,197	139,583	109,246
Firm energy used in Canada	15,784,531	17,176,366	18,597,326

r Revised figures.

\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5, No. 19



March 1970

Fuel and Electricity Purchased and Consumed by the Manufacturing Industries by Major Group, by Region, 1964

The following tables show the amount of fuel and electricity, in terms of both quantity and value, purchased and consumed by the 20 major groupings of respondents to the Census of Manufacturers. In that this survey covers only fuel and electricity purchased and consumed, the data do not represent total energy consumption by the manufacturing industries. For example, any establishment with its own electricity generating facilities does not have incorporated in the tables any energy generated for its own consumption.

The data are presented by 5 geographical areas: Atlantic; Quebec; Ontario; Prairies; British Columbia, Yukon and the Northwest Territories. Problems of confidentiality of data determined the choice of these levels of aggregation. It should be noted that individual figures may not sum to the totals because of rounding.

It is anticipated that data covering the years 1965, 1966 and 1967 will be published in forthcoming editions of the Service Bulletin. Any suggestions on improvement in presentation, or comments on possible shortcomings would be welcome.

In 1964, Ontario accounted for 46.2% or some \$284 million of the total expenditure of \$615 million, followed by Quebec at 30.1% or \$185 million. Expenditure on solid fuels amounted to 12.9% of the total, on petroleum derivatives (including L.P.G.) 26.9%, on natural gas 11.3%, on electricity 42.3% and on other 6.6%. The category "other" covers the fuel forms wood, steam, other manufactured gas, and also includes expenditures on all fuel types by those smaller establishments which are not required to differentiate between the various fuel forms.

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1964 Anthracite (Quantity Tons, Value $\$^1000)$

	Atlantic P	c Provinces	Quebec		Ontario	0	Prairie Provinces	rinces	B.C. Yukon, N.W.T.	on,	Total	
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	10	I I	2,685	47	5,344	06	199	2	1	1	8,238	139
2. Tobacco products industries	1	1	110	2	343	5	1	1	ı	1	453	00
3. Rubber industries	1	ŧ	1	1		1	ı	F	1	1	1	1
4. Leather industries	1	1	28		25	1	ı	ı	1	1	53	1
5. Textile industries	1	1	38	-	1,259	20	ı	ı	1	1	1,297	21
6. Knitting mills	1	1	1,096	17	244	7	1	1	1	ı	1,340	21
7. Clothing industries	1	ı	1,206	20	80	1	•	ı	4	ı	1,286	21
8. Wood industries	1	r	555	6	169	10	21	-	ı	1	1,267	19
9. Furniture and fixture industries	I	1	146	n	196	7	ı	1	07	-	382	00
10. Paper and allied industries	1	,	ì	1	4	ı	1	1	t	1	1	1
11. Printing, publishing and allied industries	1	ı	151	4	122	3	1	1	10	1	283	9
12. Primary metal industries	1	1	176,949	2,803	245	3	i	1	1	,	177,194	2,806
13. Metal fabricating industries	140	3	545	11	1,150	17	1	ı	23		1,858	31
14. Machinery industries	1	1	4	1	645	13	93	1	1	1	738	14
15. Transportation equipment industries	1	1	ı	1	11,306	119	t	1	377	9	11,683	125
16. Electrical products industries	ı	ı	ı	1	55	1	1	1	1	1	55	r-1
17. Non-metallic mineral products industries	1	1	2,803	67	129	3	ı	1	2	f i	2,934	52
18. Petroleum and coal products industries	,	ı	1	1	1	•	ı	1	1	1	1	1
19. Chemical and chemical products industries	62		153	5	796	10	1	,	1	ı	1,028	16
20. Miscellaneous manufacturing industries		1	i	ı	284	2	ı	1	t	1	284	5
Totals	229	7	186,465	2,971	22,914	308	313	σ,	452	∞	210,373	3,295

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1964 Canadian Bituminous Coal (Quantity Tons, Value \$'000)

Tudistry oron	Atlantic Pr	Provinces	Quebec		Ontario	Į.o	Prairie Provinces	ovinces	B.C. Yukon, N.W.T.	con,	Total	1
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	8,863	134	16,607	256	32,814	410	1,229	19	708	12	60,221	830
2. Tobacco products industries	ı	1	178	er.	ŀ	ı	0	1	1	ı	178	en en
3. Rubber industries	1	1	1,485	23	ı	1	ı	ı	ı	1	1,485	23
4. Leather industries	1	1	3,580	55	12,405	140	1	ı	ı	,	15,985	195
5. Textile industries	30		18,045	229	1,151	15	30		1	ı	19,256	245
6. Knitting mills	129		5,597	73	807	7	ı	ı	1	ı	6,134	82
7. Clothing industries	343	7	303	5	1,000	13	1	ı	14	1	1,660	22
8. Wood industries	2,985	65	3,098	34	5,249	73	1,076	00	284	7	12,692	168
9. Furniture and fixture industries	270	7	2,000	33	3,868	58	21	!	16	l I	6,175	9.5
10. Paper and allied industries	432,000	3,699	1,023,282	10,714	348,858	2,586	ı	1	18	7	1,804,158	17,000
ll. Printing, publishing and allied industries	384	7	545	7	1,820	27	12	1	110	2	2,871	7, 27
12. Primary metal industries	066,03	415	155,870	2,159	999,98	1,075	140,916	2,006	93,097	814	527,539	69-69
13. Metal fabricating industries	1,653	22	1,527	24	12,397	152	1	1	89		15,645	200
14. Machinery industries	ı	ı	431	7	2,902	07	610	00	111	2	4,054	56
15. Transportation equipment industries	16,483	201	586	9	78,712	854	1	1	304	5	95,798	1,066
16. Electrical products industries	1,990	32	3,071	35	1	1	41	-	1	ı	5,102	99
17. Non-metallic mineral products industries	41,597	667	209,792	1,932	218,032	2,166	175	2	16,836	146	486,432	4,738
18. Petroleum and coal products industries	ı	ı	ŧ	t	ı	ı	1	1	ł	,		ı
19. Chemical and chemical products industries	320	5	57,317	009	34,591	369	57	-	1		92,285	975
20. Miscellaneous manufacturing industries	200	ω	1,521	23	16,821	198	36	2	20	1	18,898	230
Totals	558,537	5,073	1,504,548	16,217	857,694	8,184	144,203	2,045	111,586	988	3,176,568	32,507

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1964 Imported Bituminous Coal (Quantity Tons, Value \$'000)

	Total	Quantity Cost	233,367 2,748	4,174 59	66,356 731	19,227 244	69,202 887	13,195 174	3,072 41	4,491 68	12,061 180	840,699 9,387	5,951 83	374,260 4,037	41,816 523	51,770 559	311,830 3,236	79,193 938	403,907 4,661	178 2	1,122,172 9,118	17,920 249	
	kon,	Cost	1	ı	1	1	1		(,	1	1	ŧ	ľ	1	4	1	1	1		4	t	
	B.C. Yukon, N.W.T.	Quantity		1	1	1	1	,	1	1	1	1	1	1	ı	1	1	1	1	1	273	1	
	ovinces	Cost	ı	1	ě	1	1	1	ı	1	1	1	,	1	'	ŀ		1	63	'	1	1	
	Prairie Provinces	Quantity	1	•	•	1	ě	1	ŧ	1	6	ı	1	6	ı	1	,	\$	3,283	1	1	ı	
	0]	Cost	2,687	59	714	238	717	166	24	43	150	6,759	82	4,033	513	556	3,227	928	4,331	2	9,020	198	
,	Ontario	Quantity	229,378	4,174	65,196	18,615	59,043	12,697	1,958	3,017	10,158	623,723	5,931	374,011	41,130	51,558	311,240	78,563	386,100	178	1,115,625	14,851	
		Cost	61	(17	7	170	00	17	25	30	2,628	-	4	11	9	6	10	266	ł	95	51	
	Quebec	Quantity	3,989	1	1,160	612	10,159	867	1,114	1,474	1,903	216,976	20	240	989	212	290	630	14,524	ı	6,274	3,069	
	ovinces	Cost	ı	ı	(F	ı	1	1	1	1	6	1	1	ı	1	,	1	1	1	ı	1	
	Atlantic Provinces	Quantity	1	1	,	4	ı	ı	b	1	8	ı	1	ı	ŧ	1	ī	1	1	ŧ	1	1	
		Industry group	1. Food and beverage industries	2. Tobacco products industries	3. Rubber industries	4. Leather industries	5. Textile industries	6. Knitting mills	7. Clothing industries	8. Wood industries	9. Furniture and fixture industries	10. Paper and allied industries	ll. Printing, publishing and allied industries	12. Primary metal industries	13. Metal fabricating industries	14. Machinery industries	15. Transportation equipment industries	16. Electrical products industries	17. Non-metallic mineral products industries	18. Petroleum and coal products industries	19. Chemical and chemical products industries	20. Miscellaneous manufacturing industries	

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1964 Sub-Bituminous Coal (Quantity Tons, Value \$'000)

		100	-bicuminous coal		(quantity tons, value \$ 000)	value \$	(000					
Indistry oron	Atlantic P	Provinces	Quebec		Ontario	07	Prairie Provinces	ovinces	·B.C. Yukon, N.W.T.	kon,	Total	
110000	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	,	ı	1	1	2,127	37	15,458	79	47	1	17,632	117
2. Tobacco products industries	1	ı	ı	ı	ŧ	,	1	ı	1	,	,	ı
3. Rubber industries	t	1	ı	1	1	,		1	,	,	1	1
4. Leather industries	ı	ı	,	1	,	1	1	ı	1	,	1	ı
5. Textile industries	1	ı	1	1	,	t	1	1	,	,	1	1
6. Knitting mills	ı	ı	1	1	,	,	t	ŧ	1	1	1	1
7. Clothing industries	,	ı		1	1,507	19	1	ě	1	1	1,507	19
8. Wood industries	1	1	10		73	2	312	г	ı	,	395	m
9. Furniture and fixture industries	,	,	1	1	823	13	80	П	4	1	915	15
10. Paper and allied industries	,	ı	t	ŀ	1	ı	1	1	1	1	1	,
<pre>11. Printing, publishing and allied industries</pre>	1	ı	ı	ŧ	1,785	29	1	ı	238	7	2,023	ლ
12. Primary metal industries	,	ı	,	1	1	1	1	1	10	1	10	;
13. Metal fabricating industries	t	1	1	1	273	4	122	П	79	~	: 727	ę
14. Machinery industries	1	ŀ	1	1	1	1	285	m	247	7	532	7
15. Transportation equipment industries	1	1	1	ı	1	,	1	ı	1	1	1	,
16. Electrical products industries	1	,	73	1	1	,	1	1	1	,	73	1
17. Non-metallic mineral products industries	1	,	1	t	1	1	492	7	1	1	492	7
18. Petroleum and coal products industries	,	1	((t	1	1,092	00	1	1	1,092	00
19. Chemical and chemical products industries	1	1	ı	1	,	ı	I	1	į	,	1	,
20. Miscellaneous manufacturing industries	J	1	+	ı	25	1	1	1	27	!	52	7
Totals	1	ı	83	1	6,613	105	17,849	98	652	11	25,197	214

- 5 -

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1964 Lignite (Quantity Tons, Value $\1000)

		1001	מלפוידה (לפי	T Cara	6011							
	Atlantic P	ic Provinces	ónepec	v	Ontario	io	Prairie Provinces	ovinces	·B.C. Yukon,	, uox	Total	
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	1	ı	1	ı	150	2	14,646	92	t	1	14,796	76
2. Tobacco products industries	ı	1	•	1	ı	ı	1	,	ı	,	1	,
3. Rubber industries	1	,	ı	ı	1	t	1	1	ť		I	,
4. Leather industries	,	1	1	1	1	1	1	1	1	,	ı	*
5. Textile industries	ŧ	ı	1	1	1	ı	ł	,	ı	ŀ	1	
6. Knitting mills	•	,	í	1	,	ı	1	1	1	1	1	,
7. Clothing industries	1	1	1	ı	,	F	ı	1	ı	ı	ı	
8. Wood industries	t	1	1	ı	8	I	447	5	ŧ	ı	7447	iV
9. Furniture and fixture industries	4	1	ı	1	,	1	217	2	•	1	217	2
10. Paper and allied industries	ı	ŧ	1	ş	ŧ	1	107,056	502	ı	1	107,056	502
ll. Printing, publishing and allied industries	1	,	102	2	1	ı	37	1	1	1	139	Ю
12. Primary metal industries	ı	1	1	1	į	I		1	1	(1	•
13. Metal fabricating industries	t	F	1	1	ŧ	ı	165	2	07	ł t	205	0
14. Machinery industries	ı	1	1	1	ı	ı	211	7	1	ı	211	2
15. Transportation equipment industries	'	1	(,	132	2	190	2	,	1	322	à
l6. Electrical products industries	1	,	ı	ı	1	1	488	m	1	1	887	m
17. Non-metallic mineral products industries	1	'	1	t	ı	ı	15,599	86	,	1	15,599	98
18. Petroleum and coal products industries	ı	1	t	ŀ	ı	1	200		1	1	200	1
19. Chemical and chemical products industries	1	ı	,	1	4	1	454	e	1	ı	454	m
20. Miscellaneous manufacturing industries	1	,	1	,	220	3	2	;	,	1	222	6
Totals	,	1	102	2	502	9	139,682	713	07	1	140,326	721

- 1 .

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1964 Coke (Quantity Tons, Value \$'000)

Todo or more	Atlantic P	Provinces	Quebec	U	Ontario	0	Prairie Provinces	vinces	B:C. Yukon, N.W.T.	on,	Total	
4.0	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
l. Food and beverage industries	156	9	1,950	97	2,134	48	3,603	81	14	1	7,857	179
2. Tobacco products industries	1	1	ı	t	1	ı	1	1	ı	1	1	1
3. Rubber industries	t	ı	1	ı	1	ı	1	1	ı	1		,
4. Leather industries	1	1	ı	r	1	1	ŧ	1	ı	,	'	1
5. Textile industries	1	1	1	ı	ŧ	ı	ŧ	4	ı	1	'	•
6. Knitting mills	1	1	396	6	07	-	ı	1	r	,	436	6
7. Clothing industries	1	1	58	7	53		t	t	1	,	111	7
8. Wood industries	1	1	ı	1	194	e	8	1	ı	,	194	٣
9. Furniture and fixture industries	1	1	-	1	180	3	ı	ı	m	1	184	\1
10. Paper and allied industries	ı	1	1	ı	4	1	1	1	1	1	1	1
ll. Printing, publishing and allied industries	1	ı	1	1	73	H	ı	ı	15	1	888	1
12. Primary metal industries	100	2	1,309	07	132,116	2,901	256	11	58,588	1,008	192,369	3,964
13. Metal fabricating industries	27	-	17	~	77	7	7	1	t	1	123	m
14. Machinery industries	1	ſ	73	m	ı	1	ı	1	21		76	7
15. Transportation equipment industries	6	1	77	r-d	27	f I	1	1	9	1	89	~ I
16. Electrical products industries	353	15	1	1	344	13	1	1	t		269	28
17. Non-metallic mineral products industries	1	1	767	∞	3,563	81	ŧ	ı	i		4,057	06
18. Petroleum and coal products industries	1	ı	ŧ	ı	s	1	,	ı	1	,	,	ı
19. Chemical and chemical products industries	1	,	1	ı	4,028	63	191	7	1	1	4,219	1.0
20. Miscellaneous manufacturing industries	1	1	325	9	1	ı	ı	1	1	ı	325	t
Totals	645	25	4,670	114	142,829	3,116	4,054	96	58,047	1,010	210,8-5	-,361
										7		

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1964 Gasoline (Quantity '000 gal., Value \$'000)

	Atlantic Pr	Provinces	()debec	O	Ontario	0	Prairie Provinces	rinces	B.C. Yukon, N.K.T.	n,	Total	
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	4,184	1,760	13,961	5,146	25,624	8,758	8,226	2,860	3,628	1,249	55,623	19,773
2. Tobacco products industries	1	1	31	12	178	73	1	ı	1	1	209	85
3. Rubber industries	1	,	114	87	211	75		;	•	ı	326	124
4. Leather industries	'	ı	143	55	135	55	2	2	ı	1	282	113
5. Textile industries	37	18	472	197	457	182	53	22	25	10	1,043	429
6. Knitting mills	1	1	55	23	110	87	2	-	1		167	71
7. Clothing industries	7	7	653	267	242	86	55	22	36	15	987	402
8. Wood industries	918	363	2,897	1,180	2,982	1,096	1,135	366	6,412	1,911	14,344	4,916
9. Furniture and fixture industries	12	9	585	238	595	231	142	57	95	23	1,361	555
10. Paper and allied industries	158	59	666	378	1,210	433	124	37	976	228	3,437	1,135
11. Printing, publishing and allied industries	118	56	518	204	1,529	574	238	102	124	55	2,527	066
12. Primary metal industries	89	21	905	319	1,525	7/7	189	99	393	86	3,098	977
13. Metal fabricating industries	279	113	1,774	704	4,018	1,532	617	239	348	141	7,036	2,730
14. Machinery industries	1	ı	259	16	996	332	240	66	99	27	1,531	555
15. Transportation equipment industries	148	87	1,876	342	4,056	1,198	75	29	150	54	6,304	1,571
16. Electrical products industries	23	11	280	105	1,066	411	18	7	747	20	1,433	553
17. Non-metallic mineral products industries	396	143	4,914	1,790	8,267	2,710	2,389	831	1,019	306	16,984	5,780
18. Petroleum and coal products industries	1	f	09	22	125	39	36	14	25	9	246	81
19. Chemical and chemical products industries	9	22	1,110	412	2,214	765	172	56	102	07	3,663	1.294
20. Miscellaneous manufacturing industries	39	17	667	208	1,326	508	125	51	116	78	2,104	831
Totals	6,465	2,637	32,103	11,748	56,803	19,591	13,840	4,860	13,495	4,232	122,705	+3.05

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1964 Fuel 011 (Quantity '000 gal., Value \$'000)

STATE TO STATE OF STA	Atlantic P	Provinces	Quebec	U	Ontario	io	Prairie Provinces	ovinces	B.C. Yukon N.W.T.	kon,	Total	1
din 18 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
				-								
Food and beverage industries	29,904	3,116	64,735	5,975	61,530	6,072	7,733	267	10,934	1,316	174,837	17,046
Tobacco products industries	1	1	1,974	166	1,762	168	ı	1	1	1	3,736	333
Rubber industries	ı	ı	4,391	332	15,004	1,171	12	2	1	1	19,407	1,505
Leather industries	71	10	1,444	169	3,303	302	38	9	11		4,868	489
Textile industries	853	78	58,817	4,333	26,243	2,148	0	2	47	9	85,969	6,567
Knitting mills	926	16	3,430	344	1,799	190	07	9	77	72	6,269	622
Clothing industries	91	15	2,106	281	897	103	57	10	32	9	3,182	415
Wood industries	1,579	233	2,203	488	2,230	438	2,715	473	15,246	2,561	23,974	761.47
Furniture and fixture industries	68	12	1,886	261	1,971	266	184	18	103	13	4,213	571
Paper and allied industries	108,120	7,712	147,557	10,059	42,362	3,584	1,023	76	125,387	9,116	424,449	30,547
Printing, publishing and allied industries	403	67	2,589	298	4,252	522	150	19	303	43	7,698	676
Primary metal industries	34,052	2,290	76,057	6,395	180,817	16,037	9,145	978	2,734	306	302,805	25,874
Metal fabricating industries	2,166	275	10,281	1,170	14,894	1,829	839	109	820	93	28,998	3,476
Machinery industries	10	2	2,753	309	9,530	1,033	113	16	174	28	12,579	1,389
Transportation equipment industries	2,991	259	12,825	1,086	13,365	1,292	148	17	585	78	29,914	2,732
Electrical products industries	745	95	8,693	720	17,356	1,590	105	13	75	10	26,973	2,428
Non-metallic mineral products industries	7,188	635	55,538	4,834	53,216	7,601	2,110	245	10,008	826	128,059	11,141
, Petroleum and coal products industries	1	ı	951	92	1,037	100	103	14	113	14	2,204	220
Chemical and chemical products industries	577	69	40,192	3,101	35,721	3,217	398	58	1,754	152	78,642	6,597
. Miscellaneous manufacturing industries	87	00	3,838	403	4,421	557	48	9	28	6	8,413	983
Totals	189,821	14,955	502,260	40,818	491,710	45,219	24,967	2,504	168,428	14,583	1,377,186	118,078

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Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1964 Liquefied Petroleum Gases (Quantity '000 gal., Value \$'000)

	1001	הדלמבו זבת	retroredm dases		ולתשוורדו ממם	ood gare, value 5 000)	re s oco					
	Atlantic Provinces	rovinces	Quebec	υ	Ontario	io	Prairie Provinces	vinces	.B.C. Yukon, N.W.T.	ton,	Total	
industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	188	19	1,387	281	1,034	277	243	51	166	67	3,019	720
2. Tobacco products industries	ŧ	8	149	65	17	2	5	1	ı	ı	166	70
3. Rubber industries	8	1	7	9	24	9	19	9	1	1	51	12
4. Leather industries	1	1	00	2	0		1	ı	ı	1	11	9
5. Textile industries	2	1	240	122	54	22	1	1	ı	ı	595	145
6. Knitting mills	1	1	10	С	-	1	2	-	1	1	13	S
7. Clothing industries	1	1	36	prod prod	15	9	М	1	1	1	53	17
8. Wood industries	7	2	52	14	75	19	161	34	1,692	256	1,988	325
9. Furniture and fixture industries	1	1	18	7	19	5	1 8	1	2	1	39	6
10. Paper and allied industries	5,913	426	099	195	535	108	99	14	383	70	7,558	812
11. Printing, publishing and allied industries	14	2	52	œ	20	12	m	r-1	ŧ	1	118	23
12. Primary metal industries	1	2	1,410	254	1,673	401	83	22	382	70	3,549	747
13. Metal fabricating industries	59	21	248	63	758	179	20	47	25	_	1,110	275
14. Machinery industries	1	š	87	25	100	25	58	12	16	7	261	69
15. Transportation equipment industries	.111	26	20	11	1,196	160	2	ë ë	00	3	1,369	201
16. Electrical products industries	2	p-1	535	164	202	94	7		2		149	213
17. Non-metallic mineral products industries	m	prof	292	77	1,022	187	135	26	54	16	1,507	307
18. Petroleum and coal products industries	1	1	1	t	00	2	ı	*	1	1	00	2
19. Chemical and chemical products industries	1	1	459	70	2,644	578	2		11	2	3,116	651
20. Miscellaneous manufacturing industries	m	-	68	23	56	19	n	1	2		131	75
Totals	6,304	545	690°9	1,395	9,488	2,057	908	171	2,744	478	25,411	4,646

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1964 Natural Gas (Quantity Million cu. ft., Value \$'000)

	Atlantic P	c Provinces	Onebec	υ	Ontario	io	Prairie Provinces	ovinces	.B.C., Yukon, N.W.T.	ukon,	Total	1
tigasery scoup	Quantity	Cost	Quantity	Cost	Quanti ty	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	1	ı	1,715	968	8,638	4,855	8,944	2,540	2,173	1,100	21,469	9,462
2. Tobacco products industries	1	1	78	34	15	14	ı	,	ı	1	92	∞ à
3. Rubber industries	1	1	11	11	445	311	200	39	3	7	659	365
4. Leather industries	1	1	20	20	92	78	55	15	2	2	169	121
5. Textile industries	,	1	97	43	913	732	908	133	37	38	1,802	976
6. Knitting mills	1		7	9	140	126	2		1	1	149	133
7. Clothing industries	1	1	54	24	80	77	63	28	10	10	177	138
8. Wood industries	1	ı	9	2	369	194	533	146	989	327	1,544	671
9. Furniture and fixture industries	1	t	21	25	285	282	85	67	45	26	736	382
10. Paper and allied industries	1	1	803	380	21,839	8,520	4,326	1,593	2,301	246	29,269	11,440
11. Printing, publishing and allied industries	1	1	74	67	255	239	246	125	41	27	615	458
12. Primary metal industries	1	1	2,003	881	21,449	10,323	5,146	936	1,303	969	29,901	12,737
13. Metal fabricating industries	1	1	1,085	279	4,965	3,780	639	294	317	258	7,006	4,978
14. Machinery industries	ı	ı	116	128	1,272	1,086	246	127	97	42	1,680	1,384
15. Transportation equipment industries	09	9	34	34	3,118	2,416	395	134	36	36	3,644	2,686
16. Electrical products industries	1	1	314	264	1,490	1,341	82	73	47	41	1,933	1,690
17. Non-metallic mineral products industries	1	1	7,599	2,871	8,180	4,633	11,201	2,753	1,863	786	28,843	11,044
18. Petroleum and coal products industries	1	ı	2,036	587	140	91	6,323	1,250	7447	217	8,946	2,145
19. Chemical and chemical products industries	ı	1	1,596	692	6,707	3,395	18,052	2,854	1,868	783	28,223	7,723
20. Miscellaneous manufacturing industries	1	ı	53	47	677	679	102	41	15	16	_ 7/8	-53
Totals	09	65	17,642	7,734	81,070	43,148	57,446	13,101	11,189	5,254	167,406	69,303

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1964 Electricity (Quantity '000 Kwh., Value \$'000)

			1301	(21211									
		Atlantic Pro	Provinces	Quebec		Ontario		Prairie Provinces	rinces	B.C. Yukon, N.W.T.	on,	Total	
	Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
, ,	Food and beverage industries	111,338	2,248	486,330	5,465	828,285	8,533	351,088	4,456	126,100	1,875	1,903,142	22,577
	Tobacco products industries	1	1	35,990	338	27,493	322	1	ı	1	1	63,483	661
	Rubber industries	ŧ	1	75,191	089	302,052	2,362	15,490	128	200	4	392,933	3,174
4. I	Leather industries	927	11	25,492	697	46,376	615	1,895	34	762	. 18	75,002	1,146
5. 1	Textile industries	20,226	227	584,070	4,765	404,655	2,813	2,144	97	3,950	70	1,015,045	7,921
6. K	Knitting mills	3,183	55	33,523	523	19,965	268	413	7	999	00	57,750	861
7. (Clothing industries	1,104	21	61,338	1,242	28,050	451	9,516	187	2,322	48	102,330	1,949
8	Wood industries	30,546	280	87,434	1,574	97,084	1,262	30,122	587	520,256	6,914	765,443	10,927
9. I	Furniture and fixture industries	799	18	45,041	843	52,858	873	7,183	142	5,093	117	110,973	1,993
10. I	Paper and allied industries	1,490,261	7,279	8,301,188	32,368	3,658,567	18,930	292,416	1,497	1,536,473	9,139	15,278,906	69,213
11. 1	Printing, publishing and allied industries	7,969	189	81,035	957	151,890	1,723	26,077	418	16,442	569	283,413	3,556
12. 1	Primary metal industries	11,725	102	4,500,964	17,281	3,728,617	22,082	1,279,393	5,083	1,398,260	2,161	10,918,958	46,708
13. 1	Metal fabricating industries	28,276	378	217,044	2,280	777,067	5,382	39,291	634	40,257	779	815,312	9,319
14. 1	Machinery industries	3,463	34	63,971	630	287,596	2,649	11,474	190	13,922	228	380,427	3,731
15.	Transportation equipment industries	31,054	416	215,996	1,875	809,387	906,9	40,720	388	22,395	321	1,119,552	9,905
16. 1	Electrical products industries	6,776	86	217,762	1,948	572,465	4,968	14,765	191	9,015	112	820,783	7,316
17.	Non-metallic mineral products industries	47,262	76 7	835,255	4,829	1,396,431	8,393	226,445	1,820	83,454	807	2,588,846	16,341
18.	Petroleum and coal products industries	91,569	1961	437,223	2,181	589,788	3,428	248,761	2,112	158,010	1,069	1,525,351	9,750
19.	Chemical and chemical products industries	64,177	564	1,884,230	8,843	2,586,552	15,710	248,438	1,468	1,497,117	2,792	6,280,513	29,377
20.	Miscellaneous manufacturing industries	4,065	81	74,963	1,011	198,634	2,384	6,088	111	7,140	132	290,889	3,719
	Totals	1,954,269	13,763	18,264,040	660,06	16,277,190	110,054	2,851,721	19,498	5,441,834	26,728	44,789,054	260,142

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1964 Other (Quantity not applicable, Value \$'000)

Indistry oronn	Atlantic P	Provinces	Onepec	v	Ontario	io	Prairie Provinces	vinces	B.C. Yukon, N.W.T.	kon,	Total	al
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
l. Food and beverage industries	ŧ	685		2,688		3, 306	'	1,025	2	736		α
2. Tobacco products industries	ı	ı	1	43	ı	î	ı	ì	1	1	1	7,7
3. Rubber industries	ı	4	ŧ	249	1	97	1	9	1	31	į	384
4. Leather industries	1	2	8	79	ŧ	96	ı	9	1	00	1	176
5. Textile industries	1	16	ı	342	I	277	4	37	t	11	ı	683
6. Knitting mills	1	13	1	57	ı	72	ı	n	1	2	ı	147
7. Clothing industries	1	31	g	203	ı	59	1	26	ı	6	ŧ	328
8. Wood industries	1	165	1	1,403	ı	787	8	827	ş	2,842	t	6,451
9. Furniture and fixture industries	1	10	1	330	\$	269	f	81	1	57	ı	747
10. Paper and allied industries	ı	239	8	1,445	8	1,134	,	48	1	2,096	ſ	4,962
11. Printing, publishing and allied industries	1	09	1	196	t	435	8	220	\$	103	1	1,014
12. Primary metal industries	1	9	1	1,233	1	584	r	108	F	52	1	1,983
13. Metal fabricating industries	ı	133	1	728	1	1,571	1	247	1	256	ı	2,935
14. Machinery industries	1	59	ı	120	1	358	ī	71	t	89	t	675
15. Transportation equipment industries	1	121	í	131	ı	356	ı	47	f	54	ı	602
16. Electrical products industries	1	7	1	298	1	330	1	7	1	42	ı	681
17. Non-metallic mineral products industries	1	103	ı	312	1	598	8	228	ž	187	1	1,429
18. Petroleum and coal products industries	1	35	8	1	ŧ	95	f	0	ŧ	237	1	370
19. Chemical and chemical products industries	ı	5	1	736	1	6,891	ı	59	ı	164		7,855
20. Miscellaneous manufacturing industries	8	43	8	226	ŧ	414	1	70		80	ı	834
Totals		2,154		10,808	ŧ	17,729	1	3,121	1	7,035	f	40,847



For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613

\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5, No. 20

April 1970

Preliminary(1) Report on Coal Production, February 1970

Preliminary data indicate that coal production for the month of February 1970 amounted to 1,048,753 tons, an increase of 1.3% from the February 1969 preliminary production figure of 1,035,148 tons. Landed imports were 63,546 tons compared with 129,757 tons for the same period last year.

(1) Advanced publication of data included in Monthly publication No. 45-002 Coal and Coke Statistics.



- 2 -

Production and Landed Imports of Coal, by Provinces

	196	9	19	70
	Production(2)	Landed(1) imports	Production(2)	Landed(1) imports
		net tons of 2	,000 pounds	
February 1970 Newfoundland	-	-	-	-
Nova Scotia	- 272,471 56,274 -	79,221 11 14,772 35,437	192,485 35,361 - -	24,022 234 7,656 31,372
Manitoba	220,749 79,902 346,306 59,446	194 122 - - -	286,513 136,579 314,428 83,387	262 - - - -
Canada totals	1,035,148	129,757	1,048,753	63,546
Two months ended February				
Newfoundland Nova Scotia New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta - Bituminous Sub-bituminous British Columbia and Yukon	563,309 122,587 - - - 482,447 156,779 723,207 135,796	3,508 168,981 257 30,764 126,773 287 122	372,852 100,683 - - 571,930 267,370 685,651 167,468	58,843 289 13,492 56,375 292
Canada totals	2,184,125	330,692	2,165,954	129,291

⁽¹⁾ Supplied by the Dominion Coal Board; do not necessarily agree with figures reported in Trade of Canada.

⁽²⁾ All figures are preliminary.

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Catalogue No. 57-002 Vol. 5, No. 21

April 1970

Crude Petroleum and Natural Gas Production, December 1969, Catalogue No. 26-006

According to preliminary data, the production of crude petroleum and equivalent hydrocarbons during December 1969 amounted to 42,504,612 barrels (1,371,117 barrels per day), an increase of 12.8 per cent or 155,480 barrels per day from December 1968.

Preliminary figures of natural gas net new production in December 1969 indicate an increase of 11.5 per cent to 219,548,825 Mcf. from 196,970,500 in December 1968.

Total year preliminary data will be released in a few days.





TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, December 1969

	New Brunswick	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign Sources	Total all sources
Supply					barrels of 35	5 Canadian gal	gallons			Company on the party of a contract of the contract on the cont
Domestic production Crude oil Synthetic crude oil Less returned to formation	840	88,518	544,713	7,546,587	28,488,351 631,015 520,788	2,226,688	75,107	38,970,804 631,015 539,243		38,970,804 631,015 539,243
Totals	840	88,518	544,713	7,546,587	28,598,578	2,226,688	56,652	39,062,576		39,062,576
Condensate	1 1	1 1	1 1	20,482	60,097	6,896	1 1	66,993		66,993
Net withdrawals	840	88,518	544,713	7,567,069	31,915,014	2,331,806	56,652	42,504,612		42,504,612
Imports	•	•	٠	•	:	:	•		16,246,007	16,246,007
Total supply	840	88,518	544,713	7,567,069	31,915,014	2, 331, 806	56,652	42,504,612	16,246,007	58,750.619
Disposition							And the collection of Care of the Care of			Management Const. See Section Constitution of the
Deliveries to refineries Atlantic Provinces	1	ı	1	ı	ı	,	ı	1	3,070,885	
Quebec	i i	88,518	232,398	4,102,239	7,147,500	, ,	3 1	11,570,655	13,171,211	
Manitoba	1 4	1 (16,983	705,365	1,947,555	, ,	d t	1,367,495		1,367,495
Alberta British Columbia	1 1	1 1	1 1	1 1	3,407,948	1,989,767	1 1	3,407,948		3,407,948
Northwest leffitories	•	F	-			1	49,836	49,836		49,836
Totals	1	88,518	249,381	5,003,326	14,885,421	1,989,767	49,836	22,266,249	16,242,096	38,508,345
Exports to U.S.A. Petroleum Administration District I II	1 1	9 1	313,524	127,684	2,463,572	1 1	ı	2,591,256	đ	2,591,256
ΙV V	1 1	a t	J 1		1,386,522 6,692,363	484,471	1 1 1	1,386,522 7,176,834	1 1 1	5,827,365 1,386,522 7,176,834
Totals	î	1	313,524	2,330,168	16,853,814	484,471		19,981,977	The state of the s	19,981,977
Inventories Opening - Field and plant Transporters' Closing - Field and plant Transporters'	1,617	1 1 1 1	69,684 31,035 63,596 16,481	495,000 5,042,269 470,000 5,298,904	1,676,690 29,041,945 1,725,758 28,908,805	- 43,000 1,200,399 - 50,841	102,602	2, 302, 593 35, 315, 648 2, 319, 628	359,835	2,302,593
Net change	80	1	- 20,642	231,635	- 84,072	- 65,805	6,816	68,012		68,012
Deliveries to other purchasers	092	1	1	E	12,457	1	a)	13,217		13.217
Field and plant use	1 1 1	1 1 1	2,450	1,940	15,485 50,455 181,454	- 76,627	<i>t</i> 1 1	15,485 52,395 107,277	3, 911	15,485 52,395
Total disposition	840	88,518	544,713	7,567,069	31,915,014	2,331,806	56,652	42,504,612	16,246,007	58,750,619
Figures not appropriate or not applicable.	pplicable.									

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, December 1969

	5. Supply and Disposition of Indianal Color, Colored				
		New Brunswick	Quebec	Ontario	Saskatchewan
No.			Mcf		
	A. FIELD AND PROCESSING PLANTS	1	1		
	Supply				
1 2	Cross new production	10,236	15,326	1,151,834	7,294,645 894,145
3	Net new production (1 - 2)	10,236	15,326	1,151,834	6,400,500
4	Reproduced	-	-	-	-
6	Net withdrawals	10,236	15,326	1,151,834	6,400,500
	Disposition	190		_	348,110
7 8	Field disposition and uses	190	-	-	105,428
9 9a	Processing plant disposition and uses: Processing shrinkage	-	-	_	199,318
9b	Other disposition and uses	-	-	-	194,794 79,568
10	Other uses	-	-	- 151 00/	-
12	Deliveries of marketable gas	10,046	15,326	1,151,834	5,473,282
13	Total disposition	10,236	15,326	1,151,834	6,400,500
	B. GAS UTILITIES		177		
	Supply				
14	Receipts of marketable gas				
14a 14b	Plants Fields	10,046	15,326	1,151,834	2,206,660 3,266,622
15	Total (14a + 14b)	10,046	15,326	1,151,834	5,473,282
16	Receipts from distributor storage	-	-	10,409,531	536,099
17 17a	Imports Other receipts(1)	-	-	980	-
18	Total supply of marketable gas (15 + 16 + 17 + 17a)	10,046	15,326	11,562,345	6,009,381
	Disposition				
	Sales				
19	British Columbia				_
20	Alberta	-	-	-	-
21	Saskatchewan	-	4-	-	2,626,243
23	Manitoba	-	-	10,808,612	-
24 25	Quebec New Brunswick	5,056	15,326		-
26		5,056	15,326	10,808,612	2,626,243
	Total sales (19 to 25 inclusive)	5,030	15,520	10,000,012	2,020,243
27 28	Exports Other deliveries(2)	_	-	-	_
29	Delivered to distributor storage	-	~	-	97, 205
30 31	Pipeline line pack fluctuation	-	-	50,681	- 94,427 1,555,389
32	Pipeline losses etc.	4,990	-	703,052	1,824,971
33	Total disposition of marketable gas (26 to 32 inclusive)	10,046	15,326	11,562,345	6,009,381
(1)	L.P.G. for gas enrichment, peak shaving or temporary	supply.			

⁽¹⁾ L.P.G. for gas enrichment, peak shaving or temporary supply.(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, December 1969

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	
	1	Mcf.	and the state of t			
186,310,616	32,002,233	63,705	226,848,595		226,848,595	
5,157,020	30,812,342	4,991	7,299,770		7,299,770	-
-	-	-,,552	217, 540, 625		219,548,825	-
16,577,966	737,970	-	17,315,936		17,315,936	
164,575,630	30,074,372	4,991	202,232,889	•••	202,232,889	
1,752,694 589,369	1,179,739	-	3,280,733 694,797		3,280,733 694,797	
21,746,310 7,651,116 73,219 - 2,017,694	622,640 3,330,665 - 559,237	4,991	22,568,268 11,176,575 157,778 - 1,458,457		22,568,268 11,176,575 157,778 1,458,457	
134,780,616	24,382,091	-	165,813,195		165,813,195	
164,575,630	30,074,372	4,991	202,232,889	•••	202,232,889	
111,799,368 22,981,248	24,338,926 43,165	-	138,344,954 27,468,241		138,344,954 27,468,241	
134,780,616	24,382,091	-	165,813,195		165,813,195	+
382,684 93,006	- 81	-	11,328,314	1,660,654	11,328,314 1,660,654 94,067	
135,256,306	24,382,172	-	177, 235, 576	1,660,654	178,896,230	
1,628,982 22,758,147 5,037,789 5,304,877 28,491,814 4,901,707	7,548,851 - - - - - - -	-	9,177,833 22,758,147 7,664,032 5,304,877 39,300,426 4,917,033 5,056	13,337	9,177,833 22,771,484 7,664,032 5,304,877 40,947,655 4,917,033 5,056	
68,123,316	7,548,851	-	89,127,404	1,660,566	90,787,970	
52,237,360 1,363,145 63,923 961,706 4,607,115 7,899,741	14,478,984 	- - - - - -	66,716,344 1,363,145 161,128 931,624 8,111,067 10,824,864	- - - - - - 88	66,716,344 1,363,145 161,128 931,624 8,111,067 10,824,952	11111



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\$5.00 A YEAR

Catalogue No. 57-002

Vol. 5 No. 22

APR 18 1970 .

April 1970

Sales of Natural Gas January 1970

Total sales of Natural gas to Canadian consumers for January were 109,278,172 Mcf. This was an increase of 3.6% over the same month last year. Revenue from sales was \$76,533,047. Exports were 67,248,736 Mcf., an increase of 15.9% over January 1969, and imports were 194,577 Mcf., a decrease of 93.4%.

Sales of Natural Gas, January 1970

New Brunswick 109,060 205 Ontario 596,049 728 Manitoba 111,154 113 Saskatchewan 123,074 125 Alberta 273,767 275 British Columbia 185,735 212 Canada 1,398,969 1,662 Commercial: New Brunswick 10 Quebec 68 68 Manitoba 10 68 Manitoba 27 68 Canada 167 167 Industrial: New Brunswick 2 Quebec 2 2 Ontario 8 8 Manitoba 8 8 Saskatchewan Alberta 11 Alberta 11 11 Total sales: 1 1 New Brunswick 2 2 Quebec 2 2 Ontario 8 8 Manitoba 8 8	0.0	1d	Revenue
Residential: New Brunswick Quebec Quebec Sofo,049 Manitoba Saskatchewan Alberta Canada Industrial: New Brunswick Quebec Quebec Quebec Commercial: New Brunswick Quebec Ontario Saskatchewan Alberta British Columbia Industrial: New Brunswick Quebec Canada Industrial: New Brunswick Quebec Canada Industrial: New Brunswick Quebec Canada Information Saskatchewan Alberta British Columbia Interruptible Interruptible Interruptible Interruptible Interruptible Interruptible Interruptible Interruptible		s sold	Revenue
New Brunswick 1300 Quebec 109,060 205 Ontario 596,049 728 Manitoba 111,154 113 Saskatchewan 123,074 125 Alberta 273,767 275 British Columbia 185,735 212 Canada 1,398,969 1,662 Commercial: New Brunswick 10 Quebec 10 10 Ontario 68 10 Manitoba 10 10 Saskatchewan 167 167 Industrial: New Brunswick 2 Quebec 2 2 Ontario 8 8 Manitoba 2 8 Saskatchewan 11 11 Interruptible 11 11 Total sales: New Brunswick 2 Quebec 2 2 Ontario 80 80 Manitoba 2 2		Mcf.	Ś
New Brunswick 130 Quebec 109,060 205 Ontario 596,049 728 Manitoba 111,154 113 Saskatchewan 123,074 125 Alberta 273,767 275 British Columbia 185,735 212 Canada 1,398,969 1,662 Commercial: New Brunswick 10 Quebec 10 10 Ontario 68 10 Manitoba 10 10 Saskatchewan 167 167 Industrial: New Brunswick 2 Quebec 2 2 Ontario 8 8 Manitoba 2 8 Saskatchewan 12 12 Firm 11 11 Interruptible 21 12 Total sales: New Brunswick 2 Quebec 21 21 Ontario 80 80			
New Brunswick 1300 Quebec 109,060 205 Ontario 596,049 728 Manitoba 111,154 113 Saskatchewan 123,074 125 Alberta 273,767 275 British Columbia 185,735 212 Canada 1,398,969 1,662 Commercial: New Brunswick 10 Quebec 10 10 Ontario 68 10 Manitoba 10 10 Saskatchewan 167 167 Industrial: New Brunswick 2 Quebec 2 2 Ontario 8 8 Manitoba 2 8 Saskatchewan 11 11 Interruptible 11 11 Total sales: New Brunswick 2 Quebec 2 2 Ontario 80 80 Manitoba 2 2			
Ontario 596,049 728 Manitoba 111,154 113 Saskatchewan 123,074 125 Alberta 273,767 275 British Columbia 185,735 212 Canada 1,398,969 1,662 Commercial: New Brunswick 10 Quebec 10 68 Manitoba 10 53 Saskatchewan 17 74 Alberta 31 75 British Columbia 27 75 Industrial: New Brunswick 2 Quebec 2 2 Ontario 8 8 Manitoba 2 2 Saskatchewan 12 7 Total sales: New Brunswick 1 New Brunswick 2 2 Quebec 2 2 Ontario 80 8 Manitoba 12 2 Saskatchewan 14	,672	4,120	14,214
Ontario 596,049 728 Manitoba 111,154 113 Saskatchewan 123,074 125 Alberta 273,767 275 British Columbia 185,735 212 Canada 1,398,969 1,662 Commercial: New Brunswick 10 Quebec 10 68 Ontario 68 68 Manitoba 10 10 Saskatchewan 17 Alberta British Columbia 27 2 Canada 167 167 Industrial: New Brunswick 2 Quebec 2 2 Ontario 8 8 Manitoba 12 1 Saskatchewan 12 1 Alberta 12 1 British Columbia 12 1 Saskatchewan 14 1 Alberta 30 1 Saskatchewan 14 1 <td>,</td> <td>2,673,568</td> <td>3,841,578</td>	,	2,673,568	3,841,578
Saskatchewan 123,074 125 Alberta 273,767 275 British Columbia 185,735 212 Canada 1,398,969 1,662 Commercial: New Brunswick Quebec 100 Ontario 68 Manitoba 105 Saskatchewan 17 Alberta 31 British Columbia 27 Canada 167 Industrial: New Brunswick Quebec 22 Ontario 88 Manitoba 27 Canada 167 Industrial: New Brunswick Quebec 22 Contario 88 Manitoba 38 Saskatchewan Alberta British Columbia 12 Canada 12 Firm 11 Interruptible 11 Total sales: New Brunswick Quebec 218 Ontario 80 Manitoba 32 Saskatchewan 12 Saskatchewan 13 Alberta 13 Saskatchewan 14 Alberta 15 Saskatchewan 16 Saskatchewan 17 Saskatchewan 17 Saskatchewan 18 Saskatchewan 18 Saskatchewan 18 Saskatchewan 19 Saskatchewa	,	8,417,849	21,284,159
Alberta 273,767 275 British Columbia 185,735 212 Canada 1,398,969 1,662 Commercial: New Brunswick Quebec 10 Ontario 68 Manitoba 10 Saskatchewan 17 Alberta 31 British Columbia 27 Canada 167 Industrial: New Brunswick Quebec 20 Ontario 88 Manitoba 27 Canada 167 Industrial: New Brunswick Quebec 22 Contario 88 Manitoba 38akatchewan Alberta British Columbia 12 Canada 12 Firm 11 Interruptible 11 Total sales: New Brunswick Quebec 218 Quebec 00 Ontario 80 Manitoba 32 Saskatchewan Alberta 12 Firm 11 Saskatchewan 12 Saskatchewan 13 Alberta 13 British Columbia 12 Saskatchewan 14 Alberta 13 British Columbia 12 Saskatchewan 14 Alberta 13 British Columbia 124 Saskatchewan 14 Alberta 13 British Columbia 24 British Columbia 124 British Colu	,	3,388,459	2,741,490 2,398,799
Reference	,	3,401,483	4,392,777
Canada 1,398,969 1,662 Commercial: New Brunswick Quebec 60 Ontario 68 Manitoba 10 Saskatchewan 17 Alberta 31 British Columbia 27 Canada 167 Industrial: New Brunswick Quebec 92 Ontario 88 Manitoba 88 Saskatchewan Alberta British Columbia 122 Canada 12 Firm 11 Interruptible 11 Total sales: New Brunswick Quebec 92 Ontario 87 Manitoba 122 Saskatchewan 122 Firm 111 Sales: New Brunswick 93 Saskatchewan 122 Saskatchewan 123 Saskatchewan 124 Saskatchewan 125 Saskatchewan 126 Saskatchewan 127 Saskatchewan 127 Saskatchewan 128 Saskatchewan 129 Sas	,	9,031,370 3,672,553	4,515,734
Commercial: New Brunswick 10 Quebec 68 Manitoba 10 Saskatchewan 17 Alberta 31 British Columbia 27 Canada 167 Industrial: New Brunswick Quebec 2 Ontario 8 Manitoba 8 Saskatchewan Alberta British Columbia 11 Interruptible 11 Total sales: New Brunswick 1 Quebec 2 Ontario 80 Manitoba 12 Saskatchewan 14 Alberta 30 British Columbia 240	,034	3,0/2,555	4,515,754
New Brunswick 10 Quebec 68 Manitoba 10 Saskatchewan 17 Alberta 31 British Columbia 27 Canada 167 Industrial: New Brunswick Quebec 2 Ontario 8 Manitoba 8 Saskatchewan Alberta British Columbia 1 Total sales: 1 New Brunswick 2 Quebec 2 Ontario 80 Manitoba 12 Saskatchewan 14 Alberta 30 British Columbia 240	4,583 4	0,589,402	39,188,751
New Brunswick 10 Quebec 68 Manitoba 10 Saskatchewan 17 Alberta 31 British Columbia 27 Canada 167 Industrial: New Brunswick Quebec 2 Ontario 8 Manitoba 8 Saskatchewan Alberta British Columbia 1 Total sales: 1 New Brunswick 1 Quebec 2 Ontario 80 Manitoba 12 Saskatchewan 14 Alberta 30 British Columbia 240			
Quebec 10 Ontario 68 Manitoba 10 Saskatchewan 17 Alberta 31 British Columbia 27 Canada 167 Industrial: New Brunswick Quebec 2 Ontario 8 Manitoba 8 Saskatchewan 12 Alberta 11 Interruptible 11 Total sales: New Brunswick 1 Quebec 218 Ontario 806 Manitoba 122 Saskatchewan 144 Alberta 307 British Columbia 246	54	3,210	6,672
Ontario 68 Manitoba 10 Saskatchewan 17 Alberta 31 British Columbia 27 Canada 167 Industrial: New Brunswick Quebec 2 Ontario 8 Manitoba Saskatchewan Alberta British Columbia Canada 12 Firm 11 Interruptible 1 Total sales: New Brunswick 2 Quebec 2 Ontario 806 Manitoba 122 Saskatchewan 142 Alberta 30 British Columbia 246	,292	923,117	1,055,638
Manitoba 10 Saskatchewan 17 Alberta 31 British Columbia 27 Canada 167 Industrial: New Brunswick Quebec 2 Ontario 8 Manitoba 3askatchewan Alberta British Columbia Canada 12 Firm 11 Interruptible 1 Total sales: New Brunswick 1 Quebec 216 Ontario 806 Manitoba 122 Saskatchewan 144 Alberta 30 British Columbia 246		2,271,531	10,679,620
Saskatchewan 17 Alberta 31 British Columbia 27 Canada 167 Industrial: New Brunswick Quebec 2 Ontario 8 Manitoba Saskatchewan Alberta British Columbia Canada 12 Firm 11 Interruptible 1 Total sales: New Brunswick Quebec 2 Ontario 806 Manitoba 122 Saskatchewan 143 Alberta 30 British Columbia 246		2,464,405	1,588,372
Alberta British Columbia Canada 167 Industrial: New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta British Columbia Canada 12 Firm Interruptible Total sales: New Brunswick Quebec Ontario British Columbia 22 24 25 26 27 28 28 29 20 20 21 21 22 23 24 24 24 24 24 24 24 24	,356	1,941,709	1,091,415
British Columbia 27 Canada 167 Industrial: 20 New Brunswick 20 Quebec 28 Ontario 8 Saskatchewan Alberta British Columbia 12 Firm 11 Interruptible 11 Total sales: 12 New Brunswick 21 Quebec 21 Ontario 80 Manitoba 12 Saskatchewan 14 Alberta 30 British Columbia 24	1,946	7,734,547	2,877,765
Industrial: New Brunswick Quebec	,915	2,426,881	2,202,246
New Brunswick 2 Quebec 2 Ontario 8 Manitoba 2 Saskatchewan 12 Alberta 11 British Columbia 11 Total sales: 11 New Brunswick 2 Quebec 218 Ontario 80 Manitoba 122 Saskatchewan 143 Alberta 30 British Columbia 240	7,406	27,765,400	19,501,728
New Brunswick 2 Quebec 2 Ontario 8 Manitoba 2 Saskatchewan 12 Alberta 11 British Columbia 11 Total sales: 11 New Brunswick 2 Quebec 218 Ontario 80 Manitoba 122 Saskatchewan 143 Alberta 30 British Columbia 240			
Quebec 2 Ontario 8 Manitoba 2 Saskatchewan 12 Alberta 12 Firm 11 Interruptible 11 Total sales: 2 New Brunswick 2 Quebec 2 Ontario 806 Manitoba 122 Saskatchewan 143 Alberta 307 British Columbia 240	_	_	-
Ontario Manitoba Saskatchewan Alberta British Columbia Canada Total sales: New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta British Columbia 218 Ontario Manitoba Saskatchewan Alberta British Columbia	2,000	1,993,064	1,392,874
Manitoba Saskatchewan Alberta British Columbia Canada Total sales: New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta British Columbia 246		18,568,921	11,120,040
Saskatchewan Alberta British Columbia Canada 12 Firm Interruptible Total sales: New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta British Columbia 124 307 307	306	807,147	306,635
Alberta British Columbia Canada 12 Firm 11 Interruptible 11 Total sales: New Brunswick 218 Quebec 218 Ontario 806 Manitoba 124 Saskatchewan 143 Alberta 307 British Columbia 246		4,292,267	1,263,965
British Columbia Canada 12 Firm Interruptible Total sales: New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta British Columbia 12 12 13 14 15 16 17 18 17 18 18 18 18 18 18 18	511	11,472,618	2,157,262
Firm 11 Interruptible	345	3,789,353	1,601,792
Interruptible Total sales: New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta British Columbia	2,494 . 4	40,923,370	17,842,568
Interruptible Total sales: New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta British Columbia			
Total sales: New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta British Columbia		34,106,324	14,333,448
New Brunswick 1 Quebec 218 Ontario 806 Manitoba 124 Saskatchewan 143 Alberta 307 British Columbia 240	678	6,817,046	3,509,120
New Brunswick 1 Quebec 218 Ontario 806 Manitoba 124 Saskatchewan 143 Alberta 307 British Columbia 240			
Quebec 218 Ontario 806 Manitoba 122 Saskatchewan 143 Alberta 307 British Columbia 240	1,726	7,330	20,886
Ontario 806 Manitoba 122 Saskatchewan 143 Alberta 307 British Columbia 240	8,127	5,589,749	6,290,090
Manitoba		49,258,301	43,083,819
Saskatchewan 143 Alberta 307 British Columbia 240	4,594	6,660,011	4,636,497
Alberta 307 British Columbia 240	3,574	9,635,459	4,754,179
		28,238,535	9,427,80
Canada	0,294	9,888,787	8,319,772
•	2,483 1	09,278,172	76,533,04
Total exports		67,248,736	17,759,73
Total imports		194,577	87,390

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Catalogue No. 57-002 Vol. 5, No. 23



April 1970

Refined Petroleum Products, January 1970

Production of refined petroleum products increased 5.2% in January to 40,073,345 barrels from 38,077,025 barrels in the same month last year, according to an advance release of data that will be contained in the January issue of the DBS report "Refined Petroleum Products". Catalogue No. 45-004.

Receipts of crude oil increased 3.3% in January to 38,639,915 barrels from 37,420,871 a year earlier. There was 6.1% more domestic crude at 22,100,610, barrels versus 20,835,788 and, 0.3% less imported crude at 16,539,305 barrels versus 16,585,083. Domestic disappearance of finished petroleum products increased 2.1% to 48,681,957 barrels from 47,658,695 in the same month last year.

Refinery Production in Canada of Selected Petroleum Products, January 1970

				Fuel oil		Total all	products
	Motor	Kerosene stove oil		-	1	January	ry
)		Diesel	Lignt	неаму	1970	1969
			barrels of	f 35 Canadian	n gallons		
Newfoundland	(1)	(1)	ı	(1)	(1)	(1)	(1)
Maritimes	1,204,137	336,744	(2)	940,648	1,087,827	5,848,267	4,024,436
Onebec	3,803,053	930,950	1,273,004	2,992,175	4,064,010	12,154,811	12,790,808
Ontario	4,340,959	498,017	211,223	3,070,516	1,707,073	11,411,045	11,396,768
Manitoba	641,301	115,886	46,403	258,796	152,878	1,344,183	1,378,627
Saskatchewan	906,082	150,102	314,406	234,570	171,064	2,029,469	2,139,255
Alberta	1,764,069	104,476	529, 562	337,826	187,518	3,558,872	3, 338, 849
British Columbia	1,458,177	142,635	790,227	235,705	496,624	3,651,640	2,940,551
North West Territories and Yukon	45	9	28,275	- 84	5,377	75,058	67,731
Canada totals	14,117,823	2,278,816	3,196,100	8,070,152	7,872,371	40,073,345	1
Canada, 1969	13,125,615	2,447,644	2,881,950	7,495,791	7,685,380	1	38,077,025
(1) Included with Maritimes.	imes.						

(1) Included with Maritimes. (2) Included with Quebec.

- 3 -

1,167,214 3,709,320 15,891,150 1,527,656 1,402,815 2,027,916 4,694,938 13,849,431 106,254 44,376,694 Total all products 1969 January 995,219 14,428,839 16,585,220 4,609,269 1,560,276 1,254,772 3,938,267 100,845 1,974,601 45,447,308 1970 NET SALES In Canada Of Selected Petroleum Products, January 1970 212,160 3,302,617 1,267,079 2,726,505 177,017 43,658 24,789 724, 108 8,477,933 8,939,678 . Heavy 35 Canadian gallons 311,225 1,657,926 5,314,465 6,529,260 349,229 15,434,938 14,978,792 246,506 133,364 872,891 20,072 oi1 Light Fuel barrels of 113,409 282,913 559,244 176,888 562,458 2,998,927 3,025,253 739,532 155,053 22,034 387,396 Diesel 2,967,444 162,947 638,119 196,870 94,778 24,866 3,015,074 483,522 201,725 210,096 1,002,151 stove oil Kerosene 10,912,173 3,172,378 528,853 1,119,618 16,636 11,902,709 151,377 735,627 4,468,966 560,173 1,149,081 gasoline Motor Canada totals North West Territories British Columbia Canada, 1969 Newfoundland Saskatchewan and Yukon Maritimes Manitoba Ontario Alberta Quebec

IMPORTS Into Canada Of Selected Petroleum Products, January 1970

Total all	products		2, 398, 794 182, 021 107, 632 555, 726 3, 244, 173
	Heavy	suc	469,590 -5,274 165,942 630,258
Fuel oil	Light	nadian gallo	636,578
	Diesel	barrels of 35 Canadian gallons	982,555 - 228,032 1,210,587
Kerosene	stove oil	barr	211,257 - 11,013 222,270
Motor	gasoline		145,571
			Maritimes Quebec Ontario All other Canada total

EXPORTS* Of Selected Petroleum Products, January 1970

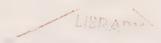
Total all	products		1	- 5,241	- 174,413	1		- 158,093	351,896
	Heavy	su	'	•	'	•	14,149		14,149
Fuel oil	Light	barrels of 35 Canadian gallons	1	15	140,300	1		16,256	156,571
	Diesel	els of 35 Ca	ı	5,020	1	1	1	80,203	85,223
Kerosene	stove oil	barr	ā	41	6,310	1	1	1	6,351
Motor	gasoline		ŧ	ŧ	t	1	ı	54,813	54,813
			Maritimes	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Canada total

* Only those made by respondents to the Refined Petroleum Products survey.

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Catalogue No. 57-002 Vol. 5, No. 24



April 1970

Coal and Coke Statistics, January 1970 Catalogue No. 45-002

Coal production for the month of January 1970 amounted to 1,121,957 tons a decrease of 3.1% from the January 1969 production of 1,157,234 tons, while landed imports were 65,745 tons compared with 200,935r tons for the month of January 1969. Consumption by industrial consumers amounted to 1,990,579 tons of coal and 542,029 of coke, a decrease of 103,956 tons of coal and an increase of 20,782 tons of coke from last year.

Industrial consumers' stocks of coal and coke increased to 5,593,398 tons from 5,508,316 tons in January 1969.

Coke production during the month of January 1970 increased to 470,539 tons from 457,955 tons in January 1969, while coke used in blast furnaces increased to 389,232 tons from 367,048 tons during the same period.

r Revised figure.

Coal and Coke Statistics

January 1970

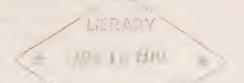
			Coal			Со	ke
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
				tons			
Newfoundland	-	*	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	180,384	34,821	185,233	60,444	25,245	51,322	-
New Brunswick	65,322	55	40,121	19,596	66,989	-	-
Quebec	-	5,836	-	79,113	195,287	51,030	137,179
Ontario	-	25,003	-	1,440,698	4,516,282	409,765	88,726
Manitoba	-	30	-	67,038	104,581	543	292
Saskatchewan	285,417	-	286,077	196,421	169,100	-	-
Alberta	505,647	4-	475,192	115,123	228,364	331	325
British Columbia and Yukon	85,187	-	83,937	12,146	15,302	29,038	45,726
Total Canada 1970	1,121,957	65,745	1,070,560	1,990,579	5,321,150	542,029	272,248
Total Canada 1969	1,157,234	200,935r	1,089,861	2,094,535	5,246,262	521,247	262,054

r Revised figure.

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Catalogue No. 57-002 Vol. 5 No. 25



April 1970

Oil Pipe Line Transport, January 1970

Catalogue No. 55-001

Net receipts of crude oil, condensate, pentanes plus and refined petroleum products by Canadian oil pipe lines during January increased 20.6 per cent to 2,252,600 B/D from 1,867,400 B/D for the same period of the preceding year; domestic oils amounted to 1,808,900 B/D (up 24.5 per cent) and imported oils were 443,700 B/D (up 7.0 per cent).

Net deliveries of crude oil, condensate, pentanes plus and refined petroleum products during the month rose 19.2 per cent to 2,210,000 B/D from 1,853,600 B/D last year. Included in the month's deliveries were 1,458,300 B/D to domestic points (up 7.9 per cent) and 751,700 B/D for export (up 49.6 per cent).

Total traffic for January amounted to 33,863 million barrel miles with an average length of haul of 494.3 miles.

Oil held by Canadian pipe line systems totalled 25,924,031 barrels by the end of January. Inventories of crude oil and equivalent increased by 928,720 barrels, while inventories held in Canada and the United States increased by 1,283,398 barrels.

- 2 - Oil Pipe Line Supply and Disposition

		Janu	ary 1970	
Supply and disposition	Crude oil and equiva- lent	Refined petroleum products and L.P.G.'S.	Total volume	% change from January 1969
		'000 barı	els per day	7
Net receipts				
Domestic Imports	1,479.7 441.2	329.2	1,808.9 443.7	+ 24.5 + 7.0
Total net receipts	1,920.9	331.7	2,252.6	+ 20.6
Net deliveries				
Domestic Exports	1,146.9 731.3	311.4 20.4	1,458.3 751.7	+ 7.9 + 49.6
Total net deliveries	1,878.2	331.8	2,210.0	+ 19.2
Inventory change (barrels)	1,283,398	- 1,293	1,282,105	-

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Catalogue No. 57-002 Vol. 5, No. 26

April 1970

Crude Oil Requirements, 1969-70

The crude oil requirements by Canadian refineries are estimated to increase to a total of 1,279 million B/d in 1970; an increase of 8.0% over last year.

Canadian crude requirements for refining are expected to increase by 5.9% from 663,000 B/d in 1969 to 702,000 B/d in 1970, while imported crude requirements for refining are expected to rise by 10.5% from 522,000 B/d in 1969 to 577,000 B/d in 1970.

Forecast new needs of crude oil for refining are expected to amount to 94,000 B/d in 1970, with domestic produced crude supplying 43% of these needs (40,000 B/d) and imports 57% (54,000 B/d).

Crude oil exports for the second quarter of 1970 are estimated to average 274,000 B/d a decrease of 248,000 B/d over the same period in 1969.



Canadian Crude Oil Requirements

Anticipated and Actual Refinery Receipts of Crude Oil, Condensate and Pentanes Plus

	Actual Jan Dec.	Estimated Jan Dec.		Act ual 1969			Estim 197		
	1968 ^r	1969	Apr.	May	June	Apr.	Мау	hine	fan. - Dec.
				'000 bar	rels per d	ay			
By source									
Domestic									
Western	641.4	659.7	587.0	585.0	622.6	634.0	670.3	724.1	699.7
Eastern	3.2	3.2	3.5	3.5	4.1	3.0	3.0	3.0	2.9
Totals	644.6	662.9	. 590.5	588.5	626.7	637.0	673.3	727.1	702.6
Imported	487.1	521.8	482.4	402.1	515.9	624.6	473.6	530.0	576.8
Total requirements	1,131.7	1,184.7	1,072.9	990.6	1,142.6	1,261.6	1,146.9	1,257.1	1,279.4
By location									
Atlantic	109. 2 376. 6 329. 2 42. 3 60. 7 100. 7 110. 9 2. 1	124.9 395.7 341.9 40.6 64.6 108.4 106.5	128.1 351.5 318.6 43.3 35.3 90.3 103.8 2.0	111.3 290.8 275.8 31.8 57.1 107.6 113.7 2.5	151.7 361.3 316.3 37.1 74.5 113.2 86.1 2.4	150.2 474.4 365.8 38.5 41.0 74.2 115.5 2.0	125.0 345.7 343.1 39.4 65.4 104.8 122.5	135.5 391.4 375.0 41.1 75.2 112.2 124.7 2.0	153.0 422.7 367.1 42.6 66.4 108.5 116.9 2.2
Total requirements Export requirements(1)	1,131.7	1,184.7	1,072.9 534.3	990.6 498.1	1,142.6 534.4	1,261.6 278.7	1,146.9 259.6	282.6	1,279.4

⁽¹⁾ Reported by the pipeline companies. .. Figures not available. r Revised figures.

Crude Oil Requirements 1969 and 1970

Summary of Crude Oil Requirements and New Needs (thousand barrels daily)

	196	9		197	70	
	Require	ments	Require	ements	New n	eeds
	Volume	%	Volume	%.	Volume	%.
omestic	663	56	702	55	40	
mports	522	44	577	45	54	
Totals	1,185	100	1,279	100	94	1

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\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5 No. 27

April 1970

Preliminary Electric Power Statistics, February 1970 Catalogue No. 57-001

Net generation of electric energy increased 9.3% to 16,917,985 thousand kwh. in February 1970 from 15,474,108 thousand kwh. in February 1969. There were increases in net generation in all provinces except Nova Scotia and Northwest Territories where there were decreases of 0.4% and 6.8% respectively. The largest increases occurred in Prince Edward Island and Yukon Territory where they amounted to 18.3% and 48.5% respectively. Hydro generation in February increased 10.0% over the same month last year, while thermal generation increased 6.9%.

Imports decreased 51.0% and exports decreased 2.7% compared with February 1969. Firm energy Consumption increased 8.9%.

Total generation for the twelve month period ending February 28, 1970 amounted to 193,306,903 thousand kwh. compared with 191,863,026^r thousand kwh. ending in January 1970.

Seasonally adjusted net generation in February 1970 amounted to 16,901 million kwh. compared with 16,924 million kwh. in January and 16,562 million kwh. in December 1969. Firm energy consumption amounted to 16,588 million kwh. on a seasonally adjusted basis. The comparable figures for January 1970 and December 1969 were 16,649 million kwh. and 16,427 million kwh. respectively.



- 2 -

Preliminary Electric Energy Statistics

(thousand Kwh)

		February	
	1968	1969	1970
		11 07(050	10 / 21 717
Net generation - Hydro	11,265,291	11,276,353	12,431,717
Thermal	3,648,304	4,197,755	4,486,268
Total net generation	14,913,595	15,474,108	16,917,985
Energy imported from U.S.A	389,820	420,986	206,349
Energy exported to U.S.A.:			
Firm	56,502	59,560	69,714
Secondary	279,744	309,877	289,552
Total exported to U.S.A	336,246	369,437	359,266
Net energy used in Canada	14,967,169	15,525,657	16,765,068
Secondary energy used in Canada	233,031	131,979	110,222
Firm energy used in Canada	14,734,138	15,393,678	16,654,846

or further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

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Fuel and Electricity Purchased and Consumed by the Manufacturing Industries by Major Group, by Region, 1965

This is the second in a series of releases relating to energy consumed by the Manufacturing Industries. The first, covering 1964, was published in March 1970 Catalogue No. 57-002 Vol. 5, No. 19. It is intended that data covering 1966 and 1967 will be published within the next two months in Service Bulletin form. Succeeding releases for the year 1968 onwards will be published as the data become available.

The following tables show the amount of fuel and electricity, in terms of both quantity and value, purchased and consumed by the 20 major groupings of respondents to the Census of Manufacturers. In that this survey covers only fuel and electricity purchased and consumed, the data do not represent total energy consumption by the manufacturing industries. For example, any establishment with its own electricity generating facilities does not have incorporated in the tables any energy generated for its own consumption.

The data are presented by 5 geographical areas: Atlantic; Quebec; Ontario; Prairies; British Columbia, Yukon and the Northwest Territories. Problems of confidentiality of data determined the choice of these levels of aggregation. It should be noted that individual figures may not sum to the totals because of rounding.

In 1965 (comparative 1964 figures in brackets) Ontario accounted for 46.5% (46.2%) or some \$314 million (\$284) of the total expenditure of \$676 million (\$615), followed by Quebec at 29.5% (30.1%) or \$199 million (\$185). Expenditures on solid fuels amounted to 12.5% (12.9%) of the total, on petroleum derivatives (including L.P.G.) 27.4% (26.9%), on natural gas 11.2% (11.3%), on electricity 42.6% (42.3%) and on other 6.3% (6.6%). The category "other" covers the fuel forms wood, steam, other manufactured gas, and also includes expenditures on all fuel types by those smaller establishments which are not required to differentiate between the various fuel forms.

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1965 Anthracite (Quantity Tons, Value \$'000)

						1000						
Tarihi a beny ranana	Atlantic P	Provinces	Quebec	U	Ontario	0	Prairie Provinces	ovinces	B.C. Yukon,	con,	Total	
dones de la contra	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	10	1	3,097	09	4,422	74	1	1	150	5	7,679	139
2. Tobacco products industries	1	1	58	1	104	2	1	1	ı	1	162	е
3. Rubber industries	1	,	1	ı	ı	1	1	1	1	1	1	1
4. Leather industries	ſ	t	20	1	31	1	,	1	1	'	51	
5. Textile industries	,	1	32	-	332	9	1	1	1	1	364	7
6. Knitting mills	ě	ŧ	870	13	205	en	t	\$	1	ı	1,075	17
7. Clothing industries	t	ı	192	7	1	ŧ	1	1	1	t	192	77
8. Wood industries	ı	1	72		314	9	1	'	ı	ı	386	00
9. Furniture and fixture industries	ı	1	195	6	206	5	1	1	10	!	683	14
10. Paper and allied industries	ı	1	1	ŀ	8	1	1	'	1	1		
ll. Printing, publishing and allied industries	ı	1	192	2	51	H	ı	1	13	;	256	9
12. Primary metal industries	ı	ı	165,398	2,656	117	2	1	1	ı	1	165,515	2,658
13. Metal fabricating industries	6	1	248	11	1,246	20	1	,	26	1	1,829	32
14. Machinery industries	1	1	ı	ı	1,170	15	I	1	ı	1	1,170	15
15. Transportation equipment industries	1	1	009	6	12,299	132	1	1	98	2	12,985	143
16. Electrical products industries	,	ı	1	ı	84	~	t	1	ı	1	87	-1
17. Non-metallic mineral products industries	1	1	2,500	45	174	6	687	∞	1	1	3,163	98
18. Petroleum and coal products industries	1	ı	1	ı	55	П	ı	1	1	ı	55	
19. Chemical and chemical products industries	07	1	141	4	426	5	1	1	1		209	10
20. Miscellaneous manufacturing industries	1	ı	800	17	296	9	•	1	å	ı	1,096	23
Totals	65	1	174,987	2,837	21,496	282	687	00	285	00	197,316	3,137

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1965 Canadian Bituminous Coal (Quantity Ions, Value \$'000)

Industry group	Atlantic P	.c Provinces	Quebec	υ	Ontario	10	Prairie Provinces	ovinces	B.C. Yukon, N.W.T.	kon,	Total	al
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	6,912	111	9,290	154	31,457	905	1,040	13	279	10	972 67	,707
2. Tobacco products industries	ı	1	129	7	ı	1	1	1	t)	129	* 6
3. Rubber industries	ı	1	1,324	22	t	1	1	1	ı	t	1.324	22
	ı	1	3,288	51	12,033	129	ı	,	1		15,321	180
5. Textile industries	1	1	12,829	170	1,358	18	28	ŧ I	ı	1	14,215	189
6. Knitting mills	1	ı	2,991	38	828	12	ı	,	1		3,819	51
7. Clothing industries	280	7	335	9	1,027	13	1	1	0	1	1.647	23
8. Wood industries	2,200	36	2,225	36	6,875	66	535	7	455	5	12,290	180
9. Furniture and fixture industries	92	П	1,093	16	3,387	90	19	ţ	21	1	4,596	68
10. Paper and allied industries	427,637	3,703	942,379	168,6	279,027	1,827	,	1	103	2	1.649.146	15 52%
ll. Printing, publishing and allied industries	155	е	331	9	2,572	38	55	_	35	, ,	0 100	t 0,
12. Primary metal industries	40,696	331	112,602	2,211	73,787	915	129,748	1,872	114,160	1,077	470.993	207.9
13. Metal fabricating industries	1,849	25	955	15	9,348	108	ı	1	80		12,232	149
14. Machinery industries	1	,	179	~	1,938	7.6	7.5		89	2	2,278	~
15. Transportation equipment industries	17,865	218	242	~	73,291	806	1	Ę	276		91,674	1,033
16. Electrical products industries	2,010	25	1,923	23	,	1	ı	1	1	1	3,933	14
17. Non-metallic mineral products industries	53,256	599	302,199	2,783	48,199	400	437	£	306	5	404,397	3,859
18. Petroleum and coal products industries	1	1	r	1		1	1	1	1	1		
19. Chemical and chemical products industries	250	5	35,884	394	12,648	147	179	~	1	1	20 20	0
20. Miscellaneous manufacturing industries	845	14	667	1	17,118	199	36		19	1	18,517	
Totals	554,031	5,075	1,430,697	15,831	574,893	5,260	132,149	1,902	116,217	1,111	2,807,987	29,178

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1965 Imported Bituminous Coal (Quantity Tons, Value \$'1000)

	Atlantic P	Provinces	Quebec		Ontario	0	Prairie Provinces	vinces	B. C. Yukon,	on,	lotal	
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
l. Food and beverage industries	1	1	4,412	73	198,317	2,308	1	1	ı	,	202,729	2,380
2. Tobacco products industries	ŧ	1	,	1	3,215	45	ı	1	ł	,	3, 215	in in
3. Rubber industries	1	ı	43	1	50,872	240	1	1	t	ŧ	50,915	5+1
4. Leather industries	,	į	1,256	18	18,215	237	ě	1	t	ŧ	19,471	25.5
5. Textile industries	1	1	9,073	156	41,402	514	ı	t	1	(50,475	029
6. Knitting mills	ř	1	2,977	45	11,394	147	1	ı	ı	1	14,371	192
7. Clothing industries	1	ı	67	-	2,149	25	ğ	ı	ě	1	2,216	27
8. Wood industries	1	t	1,199	21	2,347	36	1	ı	ı	1	3,546	3.7
9. Furniture and fixture industries	1	1	1,697	28	9,366	141	ŧ	1	ŧ	ı	11,063	169
10. Paper and allied industries	å	,	280,365	3,475	662,664	7,203	ı	ŧ	ı		943,029	10,678
ll. Printing, publishing and allied industries		,	22	7	5,215	85	1	1	*	t	5,237	άÇ
12. Primary metal industries	1	ı	2,186	56	505,246	6,044	H	\$ 8	ì	1	507,433	6,100
13. Metal fabricating industries	å	ı	661	10	38,501	473	ı	ı	1	1	39,162	483
14. Machinery industries	1	1	616	10	53,281	508	1	1	1	1	53,897	519
15. Transportation equipment industries	1	1	1	1	333,400	3,520	1	ı	1		333,400	3,520
16. Electrical products industries	ŧ	1	166	14	72,729	848	ı	1	,	1	73,720	862
17. Non-metallic mineral products industries	1	1	9,935	184	711,038	7,752	4,612	80	1	1	725,585	8,024
18. Petroleum and coal products industries	1	ı	1	1	208	2	•	ŧ	1	,	208	~ 1
19. Chemical and chemical products industries	1	1	6,792	106	1,222,828	10,466		,	1	ŧ	1,229,620	10,572
20. Miscellaneous manufacturing industries	1	1	3,728	62	17,006	227	1	1	1	1	20,734	80
Totals	1	1	326,020	4,259	3,959,393	41,122	4,613	68	ı	ı	4,290,026	597,54

- 4 -

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1965 Sub-Bituminous Coal (Quantity Tons, Value \$'000)

		-ane coet	o spoutments.	oai (das	1903 sub-bituminous coal (Quantity Tons, Value \$'000)	value \$	(00)					
Industry group	Atlantic Provinces	rovinces	Quebec		Ontario	·	Prairie Provinces	ovinces	.B.C. Yukon,	kon,	Total	
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
l. Food and beverage industries	1	1	ı	1	2,347	39	2,747	25	90	1	5,144	65
2. Tobacco products industries	1	ě	ŧ	1	1	1	1		1	,	,	1
3. Rubber industries	1	1	i	1	1	1	1	ı	1	1	1	ı
4. Leather industries	•	1	1	1	1	1	1	,	,	ŀ	,	,
5. Textile industries	1	1	,	1	1	,	1	ı	,		1	ı
6. Knitting mills	,	1	1	,	1	1	1	1	,	þ	1	ı
7. Clothing industries	1	1	ş	1	,	,	1	,	- 1	1	,	ŧ
8. Wood industries	,	1	ı	ŧ	75	2	247	2	7	1	329	3
9. Furniture and fixture industries	'	1	1	1	815	13	100	2	ı	1	915	15
10. Paper and allied industries	t	ı	ı	1		1	ı	,	,	1	í	1
ll. Printing, publishing and allied industries	1	ı	Þ	1	840	17	1	1	226	7	1,066	21
12. Primary metal industries	ı	1	261	9	,	1	1	,	ı	,	261	9
13. Metal fabricating industries	1	1	ı	ı	306	7	123	-	123	7	552	9
14. Machinery industries	,	1	ř	1	1	1	177	2	517	7	769	6
15. Transportation equipment industries	1	,	1	ı	ŧ	,	13	1	1	1	13	ļ
16. Electrical products industries	1	ı	1	ı	ſ	1	í	ı	ı	1	,	1
17. Non-metallic mineral products industries	1	1	t	1	200	2	1	1	1	1	200	т
18. Petroleum and coal products industries	1	,	1	F	t	ı	1,012	7	1	1	1,012	7
19. Chemical and chemical products industries	'	,	t	1	1	1	1	1	1	1	'	,
20. Miscellaneous manufacturing industries	1	1	1	1	32	-	1	1	25	1	57	F4
Totals	,	ı	261	9	4,615	78	4,419	39	948	14	10,243	136
						-						

- 6 -

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1965 Lignite (Quantity Tons, Value $\1000)

	Atlantic P	Provinces	Quebec	U	Ontario	0	Prairie Provinces	vinces	.B.C. Yukon,	,uo	Total	
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	8	ı	š	1	160	2	14,196	7	1	}	14,356	93
2. Tobacco products industries	1	į.	1	1	9	ı			1	1	1	ś
3. Rubber industries	1	ı	1	ı	,	5		ı	í	,	ı	ı
4, Leather industries	1	1	t	1	1	ı	ř	è	f	1	1	ı
5. Textile industries	ı	1	,	,	1	I	ı	+		,	1	,
6. Knitting mills	1	1	1	ı	1	1	i	,	ı	1	1	r
7. Clothing industries	1	1	1	1	ş	1	1	3	ı	,		f
8. Wood industries	ŧ	1	1	1	ı	1	046	x	,	1	076	n
9. Furniture and fixture industries	8	1	1	1	54	7	200	2	ı		224	7
10. Paper and allied industries	1	1	,	ı	ı		111,811	965	1	1	111,811	967
ll. Printing, publishing and allied industries	t	8	4	t	ı	ı	B	1	5	4	1	1
12. Primary metal industries	3	ŀ	6	t	,	9	537	\T	,	1	237	Ť
13. Metal fabricating industries	1	ı	1	1	10	1	255	4	,	ı	265	7
14. Machinery industries	1	í	1	ı	1	ð	231	2	1	1	231	2
15. Transportation equipment industries	8	1	1	8	57	~	255	7	1	à	312	ব
16. Electrical products industries	ı	ŀ	1	ı	9	1	575	~	ı	1	575	~
17. Non-metallic mineral products industries	j	ı		1	153	2	10,571	67	1	ı	10,724	69
18. Petroleum and coal products industries	ı	1	1	ı	•	1	212		1	ŧ	212	1
19. Chemical and chemical products industries	ŧ	1	ı	ŧ	ı	ì	441	~	1	1	441	3
20. Miscellaneous manufacturing industries	ı	3	1	,	ą.	ı	1	,	1	t	1	,
Totals	1	1	,	,	707	9	140,224	684	•	ı	140,628	069

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1965 Coke (Quantity Tons, Value \$'1000)

Industry group	Atlantic Provinces	rovinces	Quebec	v	Ontario	io	Prairie Provinces	ovinces	B.C. Yukon, N.W.T.	on,	Total	
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	146	m	2,459	20	1,722	42	2,957	72	6	1	7,293	167
2. Tobacco products industries	8		ı	,	,	1	1	,	8		•	
3. Rubber industries	ı	•	ı	4	J	r	1	ı	ı		•	•
4. Leather industries	•	1	,	1	t	1	1	,	1	ı	,	ı
5. Textile industries	8	,	09	1	ı	,	1		1		09	7
6. Knitting mills	1	,	206	11	42	1	1		1		548	12
7. Clothing industries	ı	ı	34	7	55		1	1	1	•	89	2
8. Wood industries	1	ŧ	è	1	1	1	,	,	1	1	8	i
9. Furniture and fixture industries	ı	ı	105	2	,	1	1		7	1	109	2
10. Paper and allied industries	,	1	1	,	,	1	1		١	,	,	
ll. Printing, publishing and allied industries	1	ı	1		33	1	ŧ	1	15	;	87	7
12. Primary metal industries	120	9	1,107	35	178,334	4,209	98	<u>ش</u>	61,546	1,253	241,193	5,506
13. Metal fabricating industries	106	6	21	1	50	1	1		5	1	182	10
14. Machinery industries	1	ı	51	2	3,045	72	Þ	1	200	17	3,596	16
15. Transportation equipment industries	12	1	10	1	12	1	ı	4	9	1	07	1
16. Electrical products industries	407	10	1	1	349	14	,	,	t	1	756	24
17. Non-metallic mineral products industries		1	243	5	4,388	103	,	4	1	1	4,631	108
18. Petroleum and coal products industries	1	1	1	ŧ	ı	1	1		1	ı	ı	ŧ
19. Chemical and chemical products industries	1	ı	9,744	151	286	9	148	\$	1	ı	10,178	161
20. Miscellaneous manufacturing industries	1	,	192	5	1	ı	1	1	1	ı	192	10
Totals	791	23	14,532	263	188,316	4,449	3,191	79	62,085	1,271	268,915	6,085

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1965 Gasoline (Quantity '000 gal., Value \$''000)

	Atlantic P	Provinces	Quebec	£3	Ontario		Prairie Provinces	winces	B.C. Yukon, N.W.T.	n,	Total	
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
Food and horerage industries	4.721	1,945	14,898	5,573	27,525	9,575	8,616	3,050	3,900	1,394	59,660	21,537
Tobacco products industries		1	55	22	77	31	1	,	\$	ı	132	53
Rubber industries	1	,	106	43	202	70	1	1	15	9	324	119
Leather industries	1	1	126	52	118	67	5	2	,	ı	249	104
Textile industries	41	20	456	193	909	209	59	24	25	10	1,086	456
Knitting mills	1	ı	20	21	84	37	2	1	g	1	136	59
Clothing industries	1	1	700	290	254	108	52	22	40	16	1,047	437
Wood industries	1,027	419	3,617	1,461	3,136	1,230	901	301	6,335	1,850	15,018	5,260
Furniture and fixture industries	16	7	774	322	919	264	132	99	76	040	1,632	688
Paper and allied industries	180	99	1,045	399	1,164	434	100	32	1,067	248	3,556	1,180
Printing, publishing and allied industries	130	61	545	217	1,543	593	236	100	129	58	2,582	1,029
Primary metal industries	91	22	802	289	1,748	550	234	79	505	131	3,383	1,070
Metal fabricating industries	312	131	1,996	814	4,191	1,659	673	267	4443	174	7,614	3,044
Machinery industries	1	ı	350	138	1,085	392	280	115	81	30	1,796	675
Transportation equipment industries	157	54	1,242	299	4,930	1,363	88	35	268	102	6,685	1,853
Electrical products industries	26	12	329	126	1,179	472	16	9	57	23	1,606	638
Non-metallic mineral products industries	581	204	5,209	1,809	8,858	2,905	2,447	849	1,214	343	18,309	6,110
. Petroleum and coal products industries	t	1	74	29	74	26	07	15	21	00	209	77
Chemical and chemical products industries	82	26	1,773	677	2,452	888	166	55	100	38	4,573	1,684
. Miscellaneous manufacturing industries	07	17	463	195	1,394	269	167	69	136	57	2,200	906
Totals	7,404	2,984	34,612	12,968	61,136	21,420	14,217	5,078	14,428	4,528	131,797	46,978

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Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1965 Fuel 0il (Quantity '000 gal., Value \$'000)

Industry group	Atlantic P	Provinces	Quebec	υ	Ontario	io	Prairie Provinces	ovinces	B.C. Yukon, N.W.T.	kon,	Total	11
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	32,393	3,272	75,733	6,919	76,234	7,433	7,173	573	9,266	1,123	200,798	19,321
2. Tobacco products industries	1	1	2,096	197	1,800	174	1	1	1	1	3,896	370
3. Rubber industries	ſ	1	4,938	386	17,961	1,442	11	2	27	7	22,937	1,834
4. Leather industries	100	15	1,507	183	3,264	307	24	7	31	4	4,927	513
5. Textile industries	831	73	62,558	4,740	28,696	2,372	12	2	57		92,156	7,195
6. Knitting mills	1,025	77	3,593	378	2,421	240	36	9	42	7.	7,117	706
7. Clothing industries	88	15	2,032	299	1,047	121	58	10	1	:	3,226	445
8. Wood industries	1,701	259	3,454	767	2,655	488	2,819	987	13,874	2,387	24,503	4,387
9. Furniture and fixture industries	70	12	2,393	319	2,161	289	160	16	89	13	4,872	679
10. Paper and allied industries	113,157	7,816	188,312	13,134	62,966	5,126	1,101	93	145,987	10,604	511,523	36,774
ll. Printing, publishing and allied industries	386	65	2,717	304	4,652	556	78	12	310	43	8,149	979
12. Primary metal industries	32,106	2,154	73,012	6,203	197,752	17,859	10,549	1,186	2,805	332	316,224	27,734
13. Metal fabricating industries	2,533	319	12,137	1,307	16,162	1,999	618	88	955	107	32,404	3,820
14. Machinery industries	18	9	3,589	398	9,874	1,082	158	23	206	34	13,844	1,540
15. Transportation equipment industries	3,902	332	15,292	1,421	16,060	1,621	546	31	840	85	36,343	3,489
16. Electrical products industries	149	96	8,835	757	18,539	1,743	110	13	57	∞	28,289	2,617
17. Non-metallic mineral products industries	7,432	701	67,386	5,794	47,361	4,355	2,502	343	10,910	877	135,591	12,070
18. Petroleum and coal products industries	1	1	1,050	132	797	86	116	16	103	14	2,066	248
19. Chemical and chemical products industries	757	101	76,440	3,465	41,152	3,732	454	65	2,726	265	91,528	7.628
20. Miscellaneous manufacturing industries	67	6	4,328	443	4,364	556	55	5	69	11	8,884	1,023
Totals	197,313	15,319	581,402	47,546	555,917	51,580	26,288	2,972	188,355	15,925	1,549,276	133,342

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1965 Liquefied Petroleum Gases (Quantity '000 gal., Value \$'000)

	Atlantic P	Provinces	Onebec		Ontario	0	Prairie Provinces	vinces	B.C. Yukon, N.W.T.	on,	Total	
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	175	55	1,480	324	1,195	260	173	84	181	847	3,205	735
2. Tobacco products industries	1	1	124	67	135	09	1	1	ł	ı	259	109
3. Rubber industries	1	1	10	7	16	3	26	4	t	ı	53	11
4. Leather industries	1	1	9	2	2	1	1	1	1	1	00	3
5. Textile industries	2	7	620	148	62	24	1	1	1	1	683	173
6. Knitting mills	2	-	42	17	2	1	2	П	1	ı	48	19
7. Clothing industries	1	1	57	12	9	2	1	-	3 6	1	69	15
8. Wood industries	7	2	53	15	76	24	86	24	3,400	487	3,652	552
9. Furniture and fixture industries	ľ	ſ	25	9	15	4	-	I	2	1	77	11
10. Paper and allied industries	3,251	230	730	221	149	140	111	21	299	54	5,031	999
11. Printing, publishing and allied industries	∞	2	42	13	79	13	m	prod.	-	1	119	29
12. Primary metal industries	7	1	2,203	343	1,982	471	72	24	306	19	4,563	899
13. Metal fabricating industries	67	25	321	95	718	154	22	9	39	10	1,167	289
14. Machinery industries	1	t	115	31	156	35	18	2	26	9	315	77
15. Transportation equipment industries	96	21	219	43	1,350	168	00	2	777	10	1,716	244
16. Electrical products industries	24	80	738	184	246	59	9	1	19	5	1,034	257
17. Non-metallic mineral products industries	7	2	572	151	1,215	245	110	21	75	19	1,979	439
18. Petroleum and coal products industries	ı	1	1	1	1	1	1	1	į	٠		t ě
19. Chemical and chemical products industries	1	1	355	80	1,056	273	67	15	14	7	1,475	371
20. Miscellaneous manufacturing industries	2	1	59	22	78	22	1	8 8	1	1	147	4
Totals	3,644	349	7,772	1,759	9,040	1,960	700	174	4,408	703	25, 564	4,94€

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1965 Natural Gas (Quantity Million cu. ft., Value \$'000)

Thdistry over	Atlantic P	c Provinces	Quebec	v	Ontario	io	Prairie Provinces	ovinces	B.C., Yukon, N.W.T.	ukon,	Total	prof
	Quantity	Cost	Quantity	Cost	Quanti ty	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	ı	ı	1,294	833	8,694	5,007	9,756	2,824	2,591	1,267	22,335	9,931
2. Tobacco products industries	ř	1	127	54	17	16	ı	1	t	ı	143	70
3. Rubber industries	ı	1	16	15	638	384	134	39	2	5	792	443
4. Leather industries	ı	1	14	14	119	110	69	25	2	2	204	151
5. Textile industries	ı	1	54	58	1,248	1,038	739	135	07	. 41	2,081	1,271
6. Knitting mills	ı	1	6	10	125	125	7	7	ŧ	1	141	139
7. Clothing industries	ı	ı	18	20	124	120	118	97	17	17	278	203
8. Wood industries	1	1	27	21	350	255	737	196	619	345	1,732	816
9. Furniture and fixture industries	ı	ı	36	42	370	378	107	70	38	33	551	522
10. Paper and allied industries	ŀ	1	1,049	403	21,073	8,352	4,306	1,592	2,559	1,027	28,987	11,374
11. Printing, publishing and allied industries	ı	1	110	68	342	295	240	133	36	29	728	546
12. Primary metal industries	1	1	2,401	1,050	25,088	12,278	5,367	1,028	1,555	720	34,411	15,077
13. Metal fabricating industries	4	1	1,158	731	2,994	4,509	862	371	329	253	8,343	5,865
14. Machinery industries	1	ı	162	110	1,636	1,357	295	144	68	82	2,182	1,693
15. Transportation equipment industries	1	1	80	29	3,972	3,043	414	154	47	45	4,513	3,309
16. Electrical products industries	1	ı	261	246	1,905	1,473	126	62	54	67	2,346	1,830
17. Non-metallic mineral products industries	1	1	5,987	2,462	8,794	5,188	12,478	3,022	2,464	1,025	29,724	11,696
18. Petroleum and coal products industries	1	ı	299	103	29	09	7,045	1,375	373	190	7,784	1,728
19. Chemical and chemical products industries	ŧ	ı	1,215	673	6,176	3,540	19,884	3,353	1,663	703	28,938	8,269
20. Miscellaneous manufacturing industries	1	1	45	97	838	818	106	20	35	29	1,024	943
Totals	ı	E .	14,362	7,050	87,570	48,345	62,789	14,621	12,515	5,862	177,236	75,878

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1965 Electricity (Quantity '000 Kwh., Value \$'000)

	Atlantic P	Provinces	Ónepec		Ontario	0.	Prairie Provinces	vinces	B.C. Yuk	Yukon,	Total	
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	130,729	2,531	516,430	5,838	927,117	9,242	362,782	4,618	136,431	2,003	2,073,490	24,232
2. Tobacco products industries	ı	ı	40,378	378	33,504	369	1	1	1	1	73,881	747
3. Rubber industries	ı	ŧ	82,004	767	325,202	2,494	16,495	118	1,338	25	425,038	3,403
4. Leather industries	079	13	28,447	167	47,225	617	2,058	38	721	. 15	160,62	1,179
5. Textile industries	20,136	234	639,310	5,154	451,868	3,108	2,497	53	7,346	7.5	1,118,157	8,623
6. Knitting mills	3,251	99	36,989	580	28,753	349	843	13	689	6	70,525	1,006
7. Clothing industries	1,065	20	69,207	1,332	29,952	472	11,529	214	2,683	Z,	114,436	2,092
8. Wood industries	34,155	700	110,381	1,813	102,676	1,437	31,715	290	595,972	7,617	874,899	12,157
9. Furniture and fixture industries	804	19	54,108	928	59,550	925	8,695	163	5,847	128	129,004	2,164
10. Paper and allied industries	1,753,914	10,850	8,229,151	33,540	3,755,703	19,633	269,364	1,508	2,023,077	11,099	16,031,209	76,630
11. Printing, publishing and allied industries	8,308	201	84,145	1,067	160,172	1,818	28,200	451	17,089	294	297,914	3,830
12. Primary metal industries	10,474	163	4,530,499	17,840	4,269,663	25,921	1,444,533	6,206	1,637,172	2,257	11,892,340	52,388
13. Metal fabricating industries	34,642	432	237,615	2,521	571,481	6,117	45,408	732	42,874	673	932,019	10,474
14. Machinery industries	4,289	39	72,140	741	286,548	2,793	13,497	229	15,810	248	392,284	4,052
15. Transportation equipment industries	32,851	677	220,710	2,035	1,017,877	8,247	34,104	398	29,587	430	1,335,129	11,559
16. Electrical products industries	8,962	116	247,507	2,169	617,699	5,321	19,540	257	10,840	134	904,547	7,997
17. Non-metallic mineral products industries	57,046	588	964,115	5,569	1,553,089	6,467	235,688	1,916	90,757	858	2,900,694	18,399
18. Petroleum and coal products industries	91,350	891	464,871	2,260	540,970	3,483	252,864	2,096	162,603	1,090	1,512,659	9,821
19. Chemical and chemical products industries	98,021	797	1,998,994	9,547	2,778,652	17,508	284,458	1,771	1,601,049	3,148	6,761,174	32,771
20. Miscellaneous manufacturing industries	4,076	75	85,337	1,172	228,956	2,661	086,6	200	8,477	150	336,825	4,259
Totals	2,294,714	18,177	18,712,338	95,750	17,786,655	121,981	3,074,249	21,569	6,387,361	30,307	48,255,317	287,784
				+								

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1965 Other (Quantity not applicable, Value \$'000)

		Tago orner		y nor ap	(quantity not applicable, value \$ 000)	non & anti						
Industry erom	Atlantic Provinces	rovinces	Quebec	U	Ontario	Ţo	Prairie Provinces	ovinces	B, C. Yukon,	kon,	Total	- Fe
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	1	671	1	2,851	ī	3,120	1	1,062	ı	789	1	8,387
2. Tobacco products industries	1	ı	1	36	ı	1	1	1	ı	1	1	36
3. Rubber industries	ł	,	1	223	ı	89	ı	∞	•	14	ı	335
4. Leather industries	ı	2	ı	78	1	103	ı	9	ı	10		199
5. Textile industries	ı	26	1	336	,	346	1	07	ı	. 15	1	763
6. Knitting mills	1	11	,	99	1	53	ı	9	1	e	1	129
7. Clothing industries	1	27	ı	216	1	59	•	25	4	10	1	337
8. Wood industries	4	546	1	1,351	ı	692	ı	902	1	2,745	ŧ	6,116
9. Furniture and fixture industries	1	17	1	404	1	340	1	103	ı	82	1	945
10. Paper and allied industries	1	780	1	1,420	ı	726	1	67	1	2,443	1	5,117
11. Printing, publishing and allied industries	1	61	,	200	ı	462	t	176	ı	98	•	985
12. Primary metal industries	ı	00	4	1,314	t	653	1	20	1	84	ı	2,044
13. Metal fabricating industries	į.	147	1	814	1	1,750	1	286	1	287	1	3,284
14. Machinery industries	ı	78	1	87	1	290	ŧ	71	1	99	1	582
15. Transportation equipment industries	1	109	1	146	ı	577	ż	77	1	50	1	926
16. Electrical products industries	1	3	è	306	1	300	å	10	ı	73	1	663
17. Non-metallic mineral products industries	ł	89	1	380	1	594	t	307	1	221	,	1,591
18. Petroleum and coal products industries	1	291	ı	37	1	81	ı	9	1	275	1	069
19. Chemical and chemical products industries	ı	7	1	638	ı	7,037	ı	95	,	159	,	7,932
20. Miscellaneous manufacturing industries	ı	57	ı	229	1	697	8	86	1	95	1	876
Totals	e e	2,627	,	11,123	1	17,817	8	3,118	1	7,324	1	42,009



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April 1970

Catalogue No. 57-002

Vol. 5, No. 29



Sales of Natural Gas, February 1970 Catalogue No. 55-002

Total sales of natural gas to Canadian consumers for February were 99,848,957 Mcf. This was an increase of 4.7% over the same month last year. Revenue from sales was \$70,248,178.

Sales for the first two months of 1970 were 209,127,129 Mcf., an increase of 4.5% over the same period last year. Exports continued to rise over the period amounting to 129,407,244 Mcf., an increase of 16.1%, while imports were 405,104 Mcf., a decrease of 8.6%. Export revenues were up 19.5%.

Sales of Natural Gas, February 1970

	Custome	rs	014	Devenue
Space	heating	Total	Gas sold	Revenue
	No.		Mcf.	\$
	1			
esidential: New Brunswick	130	1,657	3,535	11,293
Quebec	109,337	206,015	2,051,352	2,941,484
Ontario	596,726	729,801	16,322,279	19,296,760
Manitoba	111,312	113,486	3,163,515	2,581,852 2,558,460
Saskatchewan	123,325	125,821	8,007,202	3,975,034
Alberta	274,882 186,295	212,520	2,898,307	3,492,234
British Columbia	100,293	212,520	2,000,00	
Canada 1	,402,007	1,666,386	36,186,804	34,857,117
commercial:				. 700
New Brunswick		54	3,234	6,780
Quebec		10,315	864,702	994,688 9,788,177
Ontario		69,064	11,220,917	1,523,183
Manitoba		17,422	2,057,337	1,144,212
Saskatchewan		31,653	6,388,563	2,401,253
British Columbia		28,107	2,365,374	2,128,423
Canada		167,609	25,242,995	17,986,716
Industrial: New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta British Columbia Canada		2,028 8,686 300 658 505 353	1,981,062 17,499,939 1,012,453 4,231,631 10,012,447 3,681,626	1,357,585 11,033,304 354,364 1,269,53 1,849,230 1,540,325
Firm		11,839	32,127,791	14,713,540
Interruptible		691	6,291,367	2,690,799
Total sales:		1 711	6,769	18,07
New Brunswick		1,711	4,897,116	5,293,75
Ontario		807,551	45,043,135	40,118,24
Manitoba		124,780	6,518,836	4,459,39
Saskatchewan	1	143,901	10,029,582	4,972,20
Alberta		309,244	24,408,212	8,225,51
British Columbia		240,980	8,945,307	7,160,98
Canada		1,846,525	99,848,957	70,248,17
Total exports			62,158,508	16,716,02
·				
Total imports			210,527	92,18

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Catalogue No. 57-002 Vol. 5, No. 30 April 1970

PRICE INDEXES OF ELECTRIC UTILITY CONSTRUCTION

Distribution Systems

Transmission Lines

The base-weighted price indexes of the cost of constructing electric utility distribution systems and transmission lines in Canada express prices for materials, labour and equipment in a given year, as a percentage of prices for the same components of cost in the base year, 1961. Annual commodity, group and total indexes are presented herein for distribution systems and transmission lines.



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Characteristics of Recent Price Movement

To place recent index movements in their larger context, a brief review of changes in the supply and demand characteristics relating to electric utility construction is provided.

Related economic indicators*	1966 1965	1967 1966	1968 1967	1969 1968
		Per cent	change	
apital expenditures in Canada(1)	+ 17.3	+ 1.5°	+ 2.3 ^r	+ 10.7
apital expenditures in canada(1)	+ 21.6	+ 10.9 ^r	+ 10.0 ^r	+ 9.7
xpenditures in electric utilities as a proportion of capital	7.6	8.3r	8.9 ^r	8.8
expenditures in Canada	+ 10.4	- 7.3 ^r	- 2.5 ^r	- 0.1
ndex of real domestic product for electric power(3)	+ 11.4	+ 8.8	+ 8.6 ^r	+ 9.7
et generating capability(4)	+ 3.9	+ 8.4	+ 14.5 ^r	+ 6.9
verage bond yield for 10 public utilities(5)	+ 13.2	+ 8.6	+ 12.0	+ 10.9
ndexes of employment by industry for electrical industrial equipment(6)	+ 9.0	- 3.4	- 5.4	+ 5.2
ndex of real domestic product by manufacturers of electrical	. 12 2	- 8.1	- 4.8 ^T	+ 5.5
industrial equipment(7)alue index of selected imported electrical equipment(8)	+ 13.3 + 11.6	+ 25.2	- 16.4 ^r	+ 23.6

- (1) Public and Private Investment in Canada, DBS Catalogue 61-205 Annual.
- (2) Canadian Statistical Review, DBS Catalogue 11-003, Monthly.
- (3) Indexes of Real Domestic Product, by Industry, DBS Catalogue 61-506.
- (4) Annual Electric Power Survey of Capability and Load, DBS Catalogue 57-204, Annual.
- (5) McLeod, Young, Weir and Company, 50 King Street West, Toronto. (6) Employmentand Average Weekly Wages and Salaries, DBS Catalogue 72-002.
- (7) Table 1 of Indexes of Real Domestic Product by Industry, DBS Catalogue 61-506, Annual, and Table II of Index of Industrial Production, without seasonal asjustment, DBS Catalogue 61-005, Monthly.
- (8) Imports of Commodities, DBS Catalogue 65-007, Monthly.
- In some instances 1969 data include estimates made by Prices Division staff relating to the concluding months of the year. Ratios published relating to earlier years have been revised to incorporate final figures published by the relevant divisions.
- Revised figures.

Capital expenditures in Canada underwent a more pronounced increase of about 11 per cent in 1969 following modest gains in 1968 and 1967 of 2.3 and 1.5 per cent respectively. The 1969 increase falls short of the 17 per cent rise which occurred in 1966.

Capital expenditures by electric utilities in 1969 continued to expand at a rate consistent with the 10 per cent experienced in the previous two years. The electric utilities 1969 share of the capital expenditures dollar remainded relatiwely unchanged at nearly 9 per cent. Gains in net generating capability, though less pronounced than the previous year, continued to accompany increased capital expenditures and gains in real output by electric utilities.

On the supply side, employment in construction stood virtually unchanged, unlike the previous two years in which declines in employment occurred.

For the heavy electrical equipment manufacturing industry, real output exhibited increases in direct contrast to the declines shown in the previous two years. The value of imports of a selected list of important elements of electrical industrial equipment increased substantially in 1969 attributable to increases in imports of components of switchgear, power transformers and turbo-generators.

Average bond yields for utilities underwent a 10.9 per cent increase consistent with sharp rises exhibited over the past four years.

The index behaviour accompanying these changes in aggregative supply and demand indicated rises or small declines. The distribution systems index rose 4.2 per cent in 1969, the largest rise since 1966. The transmission lines increase at 5.6 per cent in 1969, equaled the highest annual index gain set in 1965. Small declines in distribution systems equipment and western cedar pole indexes were offset by sizeable increases in the other components of the indexes such as labour, hardware, towers, cross-arms and distribution poles. A further discussion of wage rate changes follows below.

The distribution systems index has been adjusted to reflect the rates of federal sales tax now applicable in 1967 and 1968 for distribution transformers.

Price index of electric utility construction	1966 1965	1967 1966	1968 1967	<u>1969</u> 1968
		per cent	change	
ecent price index percentage changes				
Distribution systems	+ 4.9	+ 3.4 ^r	- 1.4 ^r	+ 4.2
Construction	+ 5.4	+ 5.8	+ 0.8 ^r	+ 5.
Materials	+ 6.2	+ 1.9	- 4.3 ^r	+ 4.(
Poles	+ 8.0	- 4.1	- 5.1r	+ 5.9
Conductors	+ 8.9	+ 4.0	- 6.7 ^r	+ 0.6
Labour	+ 4.7	+ 11.9	+ 7.8 ^r	+ 7.8
Construction equipment	+ 1.8 ^r	+ 4.8°	+ 2.6 ^r	+ 3.9
Distribution Systems equipment	+ 3.8 ^r	- 3.3 ^r	- 4.1r	- 0.1
Transmission lines	+ 4.1	+ 5.0°	+ 2.7°	+ 5.6
Materials	+ 3.5	+ 2.5	+ 0.4	+ 4.
Poles, western cedar	+ 13.5	+ 6.2	- 2.0 ^r	- 1.5
Hardware	+ 2.2	+ 5.7	+ 0.4 ^r	+ 6.4
Towers	0.0	- 4.9	+ 0.4	+ 8.7
Conducters, ACSR	+ 1.5	+ 3.3	+ 0.2	+ 2.8
Insulators	+ 5.5	+ 5.4	+ 4.2	+ 8.6
Labour	+ 6.4	+ 12.3	+ 8.5°	+ 8.4
Construction equipment	+ 2.4°	+ 4.5r	+ 2.3 ^r	+ 2.9

Wage Rates

Wage rate increases in 1969 approximated those of the previous year, showing changes substantially less than those recorded in 1967 but exceeding the more modest increases of 1966. In 1969 the rates of change were uniform for all trades and among all provinces.

	1966 1965	1967 1966	1968 1967	Preliminary
Distribution systems				
Linemen	+ 4.6	+ 13.1	+ 7.5	. 7.6
Groundmen	+ 4.8	+ 10.2	+ 7.5	+ 7.5
Mechanics	+ 4.5	+ 12.5	+ 7.9	+ 8.3 + 7.5
	1.4.0	7 12.3	т 7.9	+ /.5
Transmission Lines				
Linemen	+ 5.7	+ 14.3	+ 7.6	+ 7.5
Groundmen	+ 7.0	+ 10.9	+ 7.4	+ 9.1
Mechanics	+ 5.3	+ 13.3	+ 7.7	+ 7.7

Users are asked to note the following changes which have affected index calculations.

Transformation and Switching Stations Index

Recent judgemts affecting appropriate Federal Sales Tax rates for the commodity indexes have delayed the preparation of this index. Discussions with utility representatives serving on taxation committees have also uncovered inaccuracies in application of Federal Sales Tax for some index items. The index which will be released later in the year will continue to utilize unchanged the published 1961 weighting pattern and list of commodities. However, tax rates will be appropriate only for transformation stations and the index will be referred to as Transformer Stations. It is believed that the largest proportion of transformation and switching station capital relates to transformer stations. For users requiring commodity indexes appropriate to switching stations, the indexes for power circuit breakers and metalclad switchgear which exclude Federal Sales Tax will be available.

Revisions to commodity indexes

Some commodity indexes included in distribution systems and transmission lines utilize prices collected for the Industry Selling Price Indexes. These latter indexes were recently revised both as to content and time reference base. The movement of these new indexes has been incorporated wherever relevant and in some instances price movement between 1962 and 1968 has been revised. All of the commodity revisions were fractional in nature and in some instances the total indexes were

not affected by the revisions. Revised indexes are marked with an "r" in the tables. Users requiring more information about these revisions should consult <u>Industry Selling Price Indexes 1956 - 1968</u> DBS Catalogue No. 62-528, Occasional. The revised schedule of Federal Sales Tax rates has affected the index for distribution transformers for 1967 and 1968. The equipment index and the total index were in turn changed because of this revision. A table of prevailing Federal Sales Tax rates follows.

Revised Federal Sales Tax Rates for Distribution Systems and Transmission Lines

		Ta	x rates for c	ommodities s	ubject to ta	x
	Tax exempt item	to 9/4/59		1/1/67 to 31/3/67	1/4/67 to 1/6/67	2/6/67 to present
Poles Distribution Systems Poles	х	10	11	11	6	0
All other index items		10	11	12	12	12
Transmission Lines						
As above, except distribution transformers are not included in the index						

TABLE I. Price Indexes of Electric Utility Distribution Systems, Major Components and Items, Canada, Annually, 1956-69

							Inde	Indexes						
Total, major components and items	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	Pre- limi- nary 1969
Distribution systems	95.1	96.5	93.2	96.8	100.3	100.0	101.8 ^r	102.5	104.6	107.1	112.4	116.1 ^r	115.6	120.5
Construction	92.7	91.9	93.5	96.3	98.5	100.0	102.5	105.2	107.7 ^r	112.3 ^r	118.4 ^r	125.3 ^r	126.3	133,3
Materials(1) Poles Eastern cedar Western cedar Crossarms	103.8 99.1 120.8 97.7 113.1	100.4 97.5 101.9 97.2	98.7 99.1 101.3 99.0 94.9	100.6 104.8 116.2 104.1	100.3 99.3 100.2 99.2 105.7	100.0 100.0 100.0 100.0	101.8 104.0 109.0 103.6	103.9 108.4 112.1 108.1	105.2 107.3 109.1 107.2	110.0 121.1 109.8 121.8	116.8 130.8 121.4 131.4	119.0	113.9	118.4
Hardware Secondary racks Other hardware Conductors Triplex Polyethylene insu-	96.5 95.9 96.8 107.9	97.4 96.7 97.7 103.4 105.5	99.5 98.8 99.8 99.1	99.7 99.6 99.7 98.1	100.0 99.9 100.0 100.2	100.0 100.0 100.0 100.0	101.3 102.6 100.9 99.7	103.5 104.4 103.2 100.6 97.4	103.5 104.4 103.2 102.3 97.2	102.0 98.6 103.3 106.6	101.3 ^F 90.1 ^F 105.6 ^F 116.1 103.4	106.8 94.4 111.6 120.8 105.9	107.8 97.0 112.0 112.7 96.2	116.3 108.9 119.2 113.4 93.4
lated - Aluminum Copper	102.9 123.0 94.9 96.1	105.5 96.9 95.2 97.1	102.3 89.3 95.9 97.0	97.8 99.0 98.7 99.2	100.0 100.7 102.0 100.1	100.0 100.0 100.0	98.1 104.6 100.6 101.2	97.4 110.3 101.4 102.7	97.3 117.5 101.4 103.0	99.6 128.0 106.0 98.5	103.5 153.9 111.8 95.2	105.7 165.5 117.8 95.7	95.4 162.9 122.7 91.0	94.5 172.3 133.3 93.1
Labour	75.7 75.0 76.1	78.5 78.1 78.8	84.9 84.6 85.1	88 8. 3 89 . 8	95.3 95.0 95.5	100.0	104.3 104.3 104.2	108.3 108.5 108.2	112.8 113.0 112.8	117.8 118.0 117.6	123.3 123.7 123.0	138.0 136.3 139.1	148.7 147.5 149.5	160.3 159.8 160.7
Construction equipment Equipment - Trucks Operating expenses Mechanics(3) Other Operating Expenses(4)	85.2 82.6 87.7 75.7 94.9	90.1 90.5 89.7 78.5	93.8 95.7 91.9 84.9 96.2	96.2 97.8 94.5 389.3 97.7	98.9 99.6 99.0 99.9	100,0 100.0 100.0 100.0 100.0	98.8r 101.2r 96.4 104.3 91.6r	99.8r 103.2r 96.5r 108.3 89.5r	100.9r 103.0r 98.9r 112.8 90.6r	101.6 ^r 102.1 ^r 101.0 118.1 90.7	103.4r 102.6r 104.2r 123.4 92.6r	108.4r 105.5r 1111.3r 138.8 94.9r	111.2 107.4 115.1 149.9 94.2	115.5 109.3 121.6 161.0 97.9
	100.4 89.4 107.3	106.6 96.7 112.9	92.5 98.3 88.9	97.9 99.1 97.1	104.3 100.0 107.1	100.0	100.4 100.0 100.6	96.4 99.1 94.7	97.6 98.6 96.9	95.4 98.6 93.3	99.0r 98.6 99.3r	95.7 ^r 100.9 92.5 ^r	91.8 101.9 85.4	91.7 101.8 85.4
(1) Combined materials and distribution systems equipment index 102.3 (2) Price movement for the pole index is derived	102.3	103.1 96.0 99.4 102.	96.0	99.4	102.1	100,0	101.2	100.6	101.9	103.6	109.1 ^E	108.9 ^F	104.3	106.8

- 5 -

(2) Price movement for the pole index is derived from price reports for western cedar only, from 1967 forward.
(3) In 1965, Federal Department of Labour Fair Wage Rates were replaced by wage rates reported by a sample of electric utilities and contractors. See also footnote 1, Table 4.
(4) The component indexes of Other Operating Expenses are shown in Table 2.

TABLE II. Price Indexes of Electric Utility Transmission Lines, Major Components and Items, Canada, Annually, 1956-69

Treating from the said free and free an															
92.1 94.4 95.7 97.0 98.9 100.0 100.9 102.3 102.7 108.5 113.0 118.7 ⁴ 121.9 ⁴ 129.9 100.3 100.1 103.1 103.1 103.1 103.1 103.1 103.1 103.1 103.1 103.1 103.1 103.1 103.1 103.1 103.1 103.1 103.1 114.0 ⁴ 115.1 112.5 113.0 113.1 11	Total, major components and items	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	Pre- limi- nary 1969
92.1 94.4 95.7 97.0 98.9 100.0 100.3 100.7 100.4 113.0 118.7 121.9 121.9 121.9 121.9 121.0 113.0 118.7 112.0 113.5 113.0 118.7 121.9 121.0 120.0 120.															
98.5 97.3 99.8 100.3 100.0 99.9 100.5 99.6 105.7 109.4 111.5 112.5 115.7 113.8 115.5 115.4 115.5 115.5 115.4 115.5 115.	Transmission lines	92.1	4.46	95.7	97.0	00	100.0	100.9	102.3	102.7	108.5	113.0	118.7 ^r	121.9 ^r	128.7
trues	Materials	98.5	100.3	8.66	100.0	100.3	100.0	6.66	100.5		105.7	109,4 ^E	112.1		117.6
18, 18, 18, 18, 18, 18, 18, 18, 18, 18,	Poles, towers and fixtures	95.8	97.3		102.0		100.0	101.3	103.1		108.7	114.0r		115.4	121.4
10.1. 97,4 94,9 110,2 100,7 101,9 116,0 120,1 131,2 131,3	Poles, western cedar	97.7	97.2	0.66	104.1	99.2	100.0	100.4	103.8	101.8		130.7	138.8	136.0	134.0
trors 101.2 103.5 100.9 99.8 100.0 1	Crossarms Hardware	113.1	97.4	94.9	110.2	105.7	100.0	111.9	116.6	103.2		105.6r	111.6	112.0	119.2
teres 101.2 103.5 100.9 97.9 100.0 98.5 97.9 97.5 102.0 103.4 102.0 103.4 102.0 103.4 102.0 103.4 102.0 103.4 102.0 103.4 102.0 103.1 97.3 94.4 101.9 103.4 102.0 100.0	Towers	8.06	97.1	0.66	8.66	100.0	100.0	100.0	100.0	100.0	102.3	107.3	2.16	1.16	1100.2
102.4 105.0 101.9 97.7 100.0 100.0 98.1 97.3 94.4 101.9 103.4 106.8 107.0 105.8 107.0 105.9 102.0 100.0 100.0 101.4 101.4 101.9 103.4 106.8 107.0 105.9 105.2 102.0 103.4 103.4 105.9 111.8 112.7 111.8 112.7 112.7 112.7 112.7 112.7 112.7 112.7 112.7 112.7 112.7 112.7 112.7 112.7 112.7 112.7 112.7 112.7 112.7 112.7 112.8 112.7 112.8 112.7 112.8 112.8 112.7 112.8		101.2	103.5	100.9	97.9	100.3	100.0				102.6	104.7	108.5	109.5	113./
75.2 78.3 84.5 88.7 94.9 100.0 104.6 108.6 112.8 118.9 126.5 142.0 154.1 1 74.7 78.0 84.2 88.3 94.6 100.0 104.7 108.8 113.0 119.2 127.5 141.4 154.4 1 76.0 78.7 88.2 91.5 94.3 97.5 100.0 104.7 108.8 113.0 119.2 127.5 141.4 154.4 1 78.2 84.3 89.9 93.2 96.1 100.0 104.7 106.2 112.5 118.4 125.1 14.7 117.5 11 75.9 82.6 87.9 92.0 95.3 100.0 104.2 106.2 111.2 112.8 112.8 117.5 116.3 120.4 1 75.1 75.1 75.2 82.1 93.1 95.4 98.8 100.0 104.5 103.6 103.6 102.1 112.5 116.5 117.5 117.5 116.3 120.4 1 75.2 78.3 88.5 88.7 94.9 100.0 104.5 103.6 102.1 112.5 116.5 100.0 105.8 103.0 101.2 1 75.2 78.3 88.5 99.6 100.0 104.6 108.6 112.8 118.1 124.4 14.10 151.9 1 75.2 95.1 99.6 99.6 100.0 104.0 104.6 108.6 112.8 118.1 124.4 14.10 151.9 1 99.1 103.2 99.6 99.6 100.0 104.0 104.7 103.0 102.1 124.4 14.10 151.9 1 99.1 103.2 99.6 99.6 100.0 104.0 104.0 103.0 102.1 124.4 14.10 151.9 1 90.4 94.9 99.6 100.0 100.0 10.1 100.0 10.1 102.0 102.1 102.1 102.0 102.1 102.0 102.0 102.1 102.0 102.0 102.1 102.0	Conductors, ACSR	102.4	105.0	101.9	97.7	100.0	100.0	98.1 100.6	97.3 101.4	94.4	101.9	103.4	106.8	107.0	110.0
75.2 78.3 84.5 88.7 94.9 100.0 104.6 118.6 118.9 126.5 141.4 154.4 1 76.0 78.7 78.7 88.2 94.6 100.0 104.7 108.8 113.0 119.2 127.5 141.4 154.4 1															
74,7 78.0 84,2 88,3 94,6 100,0 104,7 108.8 113.0 119.2 127.5 141.4 154,4 1 76.0 78.0 85.0 89.3 95,4 100.0 104.5 108.2 112.5 118.4 125.1 143.0 153.6 1 76.0 78.2 84.3 99.9 95.2 100.0 104.2 106.9 110.0 112.5 110.3 112.5 115.6 117.5 </td <td>Labour</td> <td>75.2</td> <td>78.3</td> <td>84.5</td> <td>88.7</td> <td>6.46</td> <td>100.0</td> <td>104.6</td> <td>108.6</td> <td>112.8</td> <td></td> <td></td> <td>142.0</td> <td>154.1</td> <td>167.0</td>	Labour	75.2	78.3	84.5	88.7	6.46	100.0	104.6	108.6	112.8			142.0	154.1	167.0
84.2 88.2 91.5 94.3 97.5 100.0 99.0°T 99.3°T 101.3°T 102.8°T 110.5°T 110.3°T 112.8 1 78.2 84.3 89.9 93.2 96.1 100.0 103.7°T 104.8°T 106.9°T 108.6°T 110.9°T 114.7°T 117.5 1 76.9 82.6 87.9 92.0 95.3 100.0 104.2 110.0 112.3 112.5 116.3 120.4 1 82.6 90.5 95.7 97.8 99.6 100.0 101.2°T 103.0°T 102.1°T 102.6°T 105.8°T 107.6 122.3 124.8 1 82.6 90.2 92.1 93.1 95.4 98.8 100.0 94.3 93.8 95.6°T 97.0 100.0 105.8°T 108.1 1 75.2 78.3 84.5 88.7 94.9 100.0 104.6 108.6 112.8 118.1 124.4 141.0 151.9 1 90.2 92.1 103.2 97.9 99.6 100.0 104.6 108.6 112.8 118.1 124.4 141.0 151.9 1 90.5 99.6 99.8 99.9 100.0 101.7 103.0°T 101.2°T 98.1 97.6 94.1°T 93.5 100.0 98.4 100.0 101.7 103.0°T 101.2°T 98.1 88.7°T 89.7 90.0 102.7 100.1 99.8 99.2 99.5 100.0 98.4 100.0 100.0 101.7 82.0°T 88.7°T 89.7 99.0 102.7 100.0	Groundmen Linemen	74.7	78.0	84.2	88.3 89.3	94.6	100.0	104.7	108.8 108.2	113.0	119.2	127.5	141.4	154.4	168.4
84, 2 88, 2 91.5 94, 3 97.5 100.0 99.0° T 99.3T 101.3T 102.8T 105.5T 110.3T 112.8 1 76, 9 84, 3 89.9 93.2 96.1 100.0 103.7T 104.8T 106.9T 108.6T 110.9T 114.7T 175.5 1 76. 9 82.6 87.9 92.0 95.3 100.0 104.2 106.2 111.0 112.3 112.5 116.3 120.4 1 82.6 90.5 95.7 97.8 99.6 100.0 101.2T 105.0 100.8 112.3 117.6 122.3 124.8 1 90.2 92.1 95.7 95.6 100.0 101.2T 103.0 100.0 100.8 112.8 118.1 122.3 124.8 1 90.2 95.2 96.0 97.7 100.1 100.0 100.4 103.0 100.0 100.0 100.4 103.0 100.0 100.0 100.0 1															
76.9 82.6 87.9 92.0 95.3 100.0 104.2 106.2 111.0 112.3 112.5 116.3 120.4 1 75.1 79.9 86.0 89.8 93.5 100.0 105.6 105.0 106.8 111.2 117.6 122.3 124.8 1 82.6 90.5 95.7 97.8 99.6 100.0 101.2r 103.0r 102.1r 102.1r 102.6r 105.8r 107.4 1 90.2 92.1 95.4 98.8 100.0 104.6 108.6 112.8 118.1 124.4 141.0 151.9 1 75.2 78.3 84.5 88.7 100.0 100.0 104.6 108.8 112.8 118.1 124.4 141.0 151.9 1 95.2 96.7 97.7 100.1 100.0 101.7 103.0 88.9 88.8r 88.4 88.7 88.7 91.9 91.9 92.9 92.9 92.7 <td< td=""><td></td><td>84.2</td><td>88.2</td><td>91.5</td><td>94.3</td><td>97.5</td><td>100.0</td><td>99.0^r</td><td>99.3r 104.8r</td><td>101.3^r 106.9^r</td><td>102.8^r 108.6^r</td><td>105.5^r 110.9^r</td><td>110.3^r 114.7^r</td><td>112.8</td><td>116.1</td></td<>		84.2	88.2	91.5	94.3	97.5	100.0	99.0 ^r	99.3r 104.8r	101.3 ^r 106.9 ^r	102.8 ^r 108.6 ^r	105.5 ^r 110.9 ^r	110.3 ^r 114.7 ^r	112.8	116.1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Bulldozers	76.9	82.6	87.9	92.0	95.3	100.0	104.2	106.2	111.0	112.3	112.5	116.3	120.4	125.4
90.2 92.1 93.4 98.8 100.0 94.3 93.8 95.6r 97.0 100.0 105.8r 108.6 112.8 118.1 124.4 141.0 151.9 1 75.2 78.3 84.5 88.7 94.9 100.0 104.6 108.6 112.8 118.1 124.4 141.0 151.9 1 95.2 96.7 96.0 97.7 100.1 100.0 101.7 103.0r 89.9 91.9r 94.1r 97.6r 98.6 100.0 98.4r 90.7 91.9r 98.6 100.7 100.0 99.8 99.2 9	Compressors	75.1	90.9	86.0	89.8	93.5	100.0	105.6 101.2^{r}	105.0 103.2^{r}	106.8 103.0^{r}	111.2 102.1 ^r	11/.6 102.6 ^r	122.3 105.5 ^r	107.4	109.3
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Omerating expenses	90.2	92.1	93.1	95.4	98.8	100.0	94.3	93.8	95.6r	97.0	100.0	105.8 ^r	108.1	114.0
95.2 96.7 96.0 97.7 100.1 100.0 90.8 88.8 ⁸ 89.9 ⁴ 89.9 91.9 ⁴ 94.1 93.5 94.1 93.5 94.1 103.2 97.9 99.6 100.0 101.7 103.0 ^x 101.2 ^x 98.1 97.6 ^x 98.6 102.7 1 96.5 99.6 99.8 99.9 100.0 100.0 98.4 ^x 90.7 91.5 88.4 88.7 89.7 90.0 91.0 94.1 94.5 96.0 98.4 100.0 100.0 98.4 90.7 91.5 88.4 88.7 89.7 90.0 91.0 94.1 94.2 95.2 101.7 100.0 79.1 79.7 82.0 ^x 84.7 88.8 92.1 89.0 93.4 95.3 96.6 97.3 98.7 100.0 100.8 100.8 100.8 102.2 ^x 99.7 100.3 ^x 100.8 100	Mechanics (1)	75.2	78.3	84.5	88.7	6.46	100.0	104.6	108.6	112.8	118.1	124.4	141.0	151.9	163.6
99.1 103.2 97.9 99.6 100.0 100.0 101.7 103.0 r 101.2 ^r 98.1 97.6 ^r 98.6 102.7 104.9 19.6 99.8 99.9 99.5 100.0 98.4 ^r 90.7 91.5 88.4 88.7 89.7 90.0 91.9 99.2 99.5 99.5 100.0 100.0 99.8 99.2 99.5 103.0 ^r 107.6 112.7 117.9 100.0 100.0 100.8 100.8 100.8 102.2 ^r 88.8 ^r 92.1 89.0 95.9 99.3 99.5 99.5 100.0 100.8 100.8 100.8 100.8 100.2 ^r 99.7 100.3 ^r 100.8 100.8 100.8 100.9 111.0 95.9 95.9 95.9 100.0 10	Other Operating Expenses	95.2	2.96	0.96	97.7	100.1	100.0	90.8	00 00 00	89.91	89.6	91.94	94° T	93.5	4.76
96.5 99.6 99.8 99.9 99.5 100.0 98.4 [¢] 90.7 91.5 88.4 88.7 [¢] 93.7 90.0 91.2 94.1 94.5 96.0 98.4 100.0 100.0 99.8 99.2 99.5 103.0 [¢] 107.6 112.7 117.7 100.0 79.1 79.7 [¢] 82.0 [¢] 84.7 [¢] 88.8 [¢] 92.1 89.0 95. 95.2 101.7 100.0 79.1 79.7 [¢] 82.0 [¢] 84.7 [¢] 99.7 100.3 [¢] 100.3 100.8 100.8 102.2 [¢] 99.7 100.3 [¢] 100.8 100.8 100.8 100.8 100.9 95. 95.4 95.3 96.6 97.3 98.7 100.0 100.7 [¢] 103.2 [¢] 103.0 [¢] 104.2 [¢] 104.9 [¢] 107.5 [¢] 108.9 111.	Diesel fuel	99.1	103.2	6.76	93.6	100.0	100.0	101.7	103.0r	101.2 ^r	98.1	97.6r	98.6	102.7	104.9
94.4 94.1 92.8 96.2 101.7 100.0 79.1 79.7¢ 82.0¢ 84.7¢ 88.8¢ 92.1 89.0 95. 95. 92.8 88.9 100.0 100.8 100.8 100.8 102.2¢ 99.7 100.3¢ 100.8 100.9 111. 92.5 89.7 95.3 96.6 97.3 98.7 100.0 100.7¢ 103.2¢ 103.0¢ 104.2¢ 104.9¢ 107.5¢ 108.9 111.	Gasoline	96.5	9.66	99.8	99.9	99.5	100.0	100 0	90.7	91.5	90.7	88. /t	107.6	112.7	117.6
93.1 92.5 89.7 88.9 88.9 100.0 100.8 100.8 100.8 102.2 ^r 99.7 100.3 ^r 100.8 100.8 100.9 111. 95.3 96.6 97.3 98.7 100.0 100.7 ^r 103.2 ^r 103.0 ^r 104.2 ^r 104.9 ^r 107.5 ^r 108.9 111.	Lubricating oils	97.0	1.46	97.0	96.2	101.7	100.0	79.1	79.7r	82.0r	84.7 ^r	80° 0T	92.1	89.0	95.4
parts 93.4 95.3 96.6 97.3 98.7 100.0 100.7" 103.2" 104.2" 104.2" 104.9" 107.5" 108.9 111.	Tubes	93.1	92.5	89.7	88.9	88.9	100.0	100.8	100.8	100.8	102.2 ^r	99.7	100, 3r	100.8	100.6
	Repair parts	93.4	95.3	9.96	97.3	98.7	100.0	100.7 ^r	103, 2 ^r	103.0r	104.2 ^r	104.94	107.5 ^t	108.9	111.2

⁽¹⁾ In 1965, Federal Department of Labour Fair Wage Rates were replaced by wage rates reported by a sample of electric Table III.

TABLE III. Wage Rate Indexes for Distribution Systems Construction, Canada and Nine Provinces, 1956-69(1)

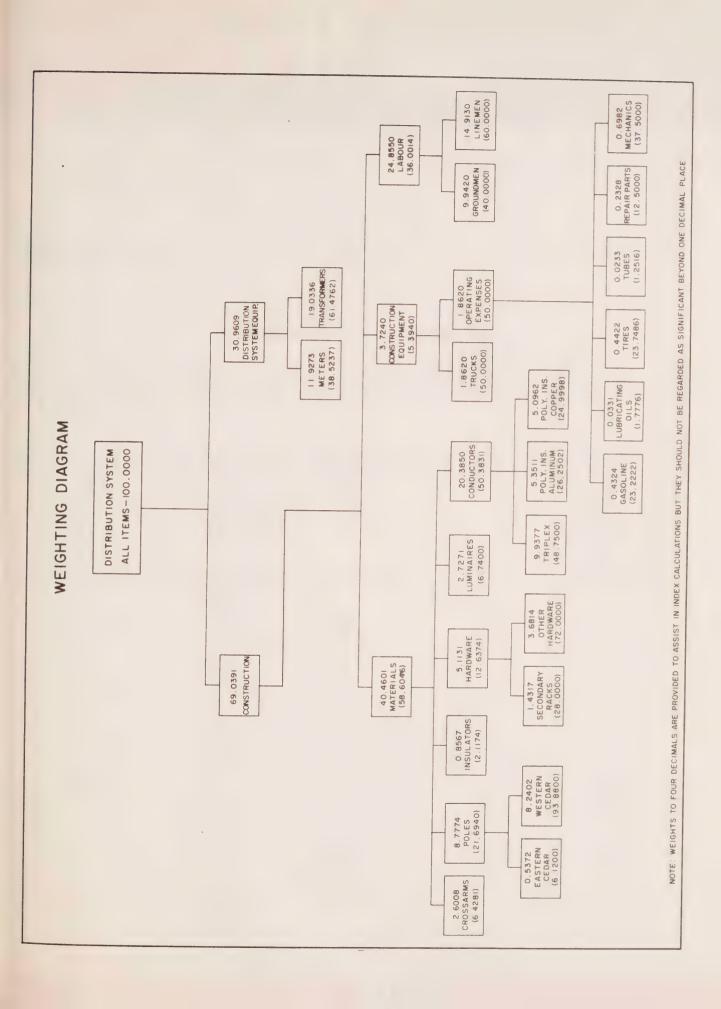
							I	Indexes			•			
	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	Pre- limi- nary 1969
Linemen														
Newfoundland	74.2	9.92	87.9	9.06	6.96	100.0	104.3	105.5	107.4	110.7	115,5	118.9	130.3	139.9
Nova Scotia	74.2	9°92	87.9	90.06	6°96	100.0	104.3	105.5	107.4	113.6	119.3	126,4	142.6	152.6
New Brunswick	74.2	9.92	87.9	9.06	6°96	100.0	104.3	105.5	107.4	112.2	117.4	129.4	140.2	150.1
Quebec	73.9	75.0	81.8	86.9	93.7	100.0	109.7	113.6	118.7	123.5	128.7	160.6	168.7	179.7
Ontario	78.2	81.2	83.9	85.6	9.46	100.0	103,4	106.7	110.4	114.9	119.8	130,1	140.7	154.0
Manitoba	77.6	80°8	88.5	94.2	4°26	100.0	100.0	105.1	110.9	113.9	117,3	126.8	138.5	146.5
Saskatchewan	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	116.8	122.7	133,3	141.2	151.0
Alberta	77.4	82.2	86.3	91.1	94.5	100.0	102.4	104.1	108.2	112.6	122.6	130.4	143.4	156.8
British Columbia	74.2	78.2	87.7	95.4	98.2	100.0	101.8	107.4	112.3	119.2	126.5	138.4	151.7	162.3
Canada	76.1	78.8	85.1	9.68	95,5	100.0	104.2	108.2	112.8	117.6	123.0	139.1	149.5	160.7
Groundmen														
Newfoundland	81.0	86.4	90°2	92.5	9°96	100.0	106,1	110.9	115.6	117.0	121.4	125.8	139.0	149.2
Nova Scotia	81.0	4.98	90°2	92.5	96.6	100.0	106.1	110.9	115.6	120.9	125.6	133.6	149.6	163.0
New Brunswick	81.0	86.4	90.5	92.5	9.96	100.0	106.1	110.9	115.6	120.0	126.7	135.6	146.9	155.2
Quebec	73.9	75.0	81.8	86.9	93.7	100.0	109.7	113.6	118,7	124.0	129.8	146.9	154.5	164.5
Ontario	74.0	78.2	4°48	86.0	8.46	100.0	102.9	106.2	109.4	114.4	119.8	130.8	143.2	157.3
Manitoba	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	116.5	120.7	136.1	151.4	166.2
Saskatchewan	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	113.9	118.7	124.7	131.9	140.9
Alberta	71.8	73.9	79.8	85.6	0.16	100.0	103.2	107.4	109.0	113.5	123.0	130,5	144.4	164,4
British Columbia	73.1	78.1	83.6	89.5	95.0	100.0	102.3	107.3	111.9	118.4	125.7	137.8	150.8	161.6
Canada	75.0	78.1	94.6	80 80	95.0	100.0	104.3	108.5	113 0	0 811	123 7	136.3	1	0

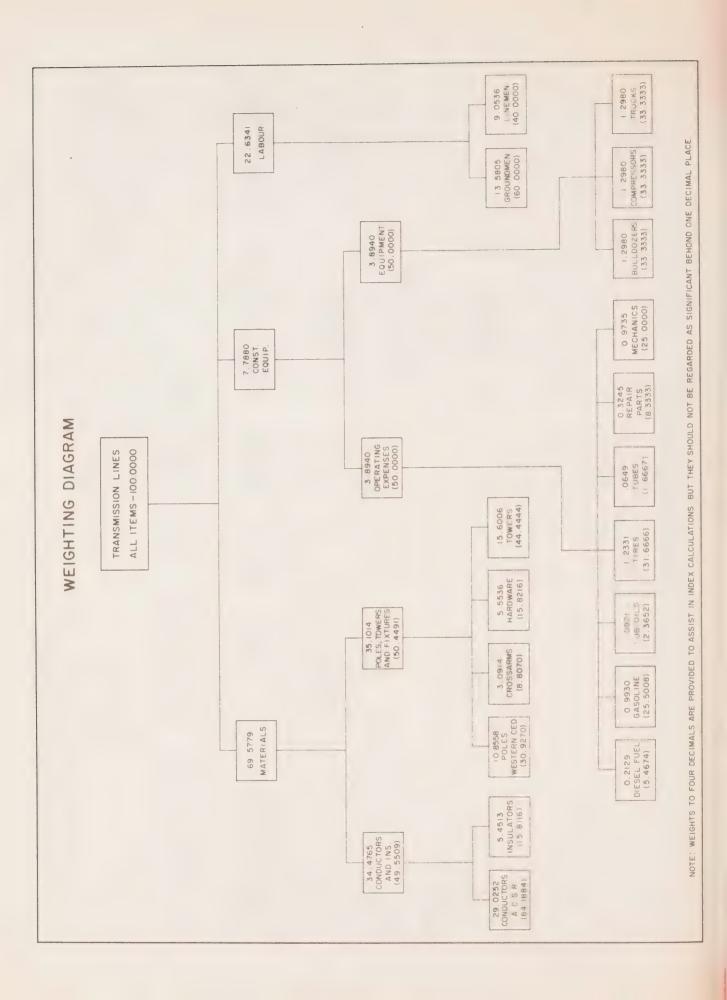
For the period 1956 to 1964 wage rate indexes were derived for nine major cities from data supplied by the Labour Standards Branch of the Department of Labour. In January 1965, Union wage rate data for basic wage rates reported by major utilities and some contractors were incorporated into the index. The sample selected provides an estimate of wage rate change for each province and represents urban own-account and contract electric utility construction.

TABLE IV. Wage Rate Indexes for Transmission Lines Construction, Canada and Nine Provinces, 1956-69(1)

							Indexes	s S						
	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	Pre- limi- nary 1969
Linemen														
Newfoundland	74.2	76.6	87.9	9006	6°96	100.0	104.3	105.5	107.4	110.7	115.5	118.9	128.2	139.8
Nova Scotia	74.2	76.6	87.9	9.06	6.96	100.0	104.3	105.5	107.4	113.6	119.3	126.4	142.6	152.6
New Brunswick	74.2	76.6	87.9	9.06	6.96	100.0	104.3	105.5	107.4	112.2	117.4	129.4	140.2	150.1
Onebec	73.9	75.0	81.8	86.9	93.7	100.0	1.09.7	113.6	118.7	126.8	133.9	171.0	179.6	191.3
Ontario	78.2	81.2	83.9	85.6	9.46	100.0	103.4	106.7	110.4	114.5	120.2	130.0	141.2	153.8
Manitoba	77.6	80.8	88.5	94.2	4.76	100.0	100.0	105.1	110.9	113.9	117.3	126.8	137.8	146.1
Saskatchewan	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	116.8	122,7	133.3	141.2	151.0
Alberta	77.4	82.2	86.3	91.1	94.5	100.0	102.4	104.1	108.2	112.6	122,6	130.4	143.4	156.8
British Columbia	74.2	78.2	87.7	95.4	98.2	100.0	101.8	107.4	112,3	119.4	126.9	141.1	153.6	164.0
Canada	76.0	78.7	85.0	89,3	95.4	100.0	104.5	108.2	112.5	118.4	125.1	143.0	153.6	165.1
Cronnomen				1	((,	0	L	0	, 101	0 10	7 202	7 121 7
Newfoundland	81.0	86.4	90° 5	92.5	96.6	100.0	106.1	110.9	115.6	11/.0	121.4	172.8	13/.4	151.4
Nova Scotia	81.0	86.4	90.5	92.5	9.96	100.0	106.1	110.9	115.6	120.9	125.6	133.6	149.6	163.0
New Brunswick	81.0	86.4	90.5	92.5	96.6	100.0	106.1	110.9	115.6	120.0	126.7	135.6	146.9	155.2
Onebec	73.9	75.0	81.8	86.9	93.7	100.0	109.7	113.6	118.7	127.5	136.4	157.8	166.0	176.8
Ontario	74.0	78,2	84.4	86.0	8.46	100.0	102.9	106.2	109.4	115.6	122.9	132.2	143.1	157.5
Manitoba	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	116.5	120.7	136.1	151.6	165.6
Saskatchewan	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	113.9	118.7	124.7	131.9	140.9
Alberta	71.8	73.9	79.8	85.6	91.0	100.0	103.2	107.4	109.0	113.5	123.0	130.5	144.4	164.4
British Columbia	73.1	78.1	83.6	89.5	95.0	100.0	102.3	107.3	111.9	117.4	130.7	152.8	184.4	206.0
Canada	74.7	78.0	84.2	88.3	9.46	100.0	104.7	108.8	113.0	119.2	127.5	141.4	154.4	168.4
1000								1 1 1 1			J. Dreet	- C + L- D.	the County of the County) t

⁽¹⁾ For the period 1956 to 1964, wage rate indexes were derived for nine major cities from data supplied by the Labour Standards Branch of the Department of Labour. In January 1965, union wage rate data for basic wage rates reported by major utilities and some contractors were incorporated in the index. The sample selected provides an estimate of wage rate change for each province and represents urban own-account and contract electric utility construction.





\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5 No. 31

April 1970

Refined Petroleum Products Year 1969

Production of refined petroleum products amounted to 433,481,199 barrels in the year 1969. This represents an increase of 4.3% over 1968 during which the production was 415,510,494 barrels.

The net sales of refined petroleum products for the year 1969 amounted to 479,616,038 barrels an increase of 4.3% compared to 459,627,641 barrels in 1968.

The data for the year 1969 are preliminary.

Detailed data will be contained in the annual issue of the DBS publication Catalogue No. 45-204 "Refined Petroleum Products".



REFINERY PRODUCTION In Canada Of Selected Petroleum Products, Year 1969P

	M	Хотоволо		Fuel oil		Total all	Total all
	Je	stove oil	Diesel	Light	Heavy	products	products 1968
			Barrels of	35 Canadian	gallons		
Newfoundland	(1)	(1)	ı	(1)	(1)	(1)	(1)
Maritimes	13,352,821	3,044,582	(2)	9,075,733	12,421,684	45,588,486	39,666,301
Quebec	41,431,781	7,592,493	15,006,116	28,793,916	35,843,865	144,046,162	137,865,371
Ontario	48,456,084	4,895,540	10,639,801	22,541,578	19,201,959	124,944,811	120,255,587
Manitoba	6,657,503	541,497	2,273,353	1,470,508	1,387,555	14,856,221	15,611,765
Saskatchewan	11,226,084	1,543,063	3,974,006	1,898,122	1,775,221	23,618,217	22,307,295
Alberta	18,768,917	530,517	8,036,990	2,819,464	2,029,123	40,423,262	38,005,460
British Columbia	15,296,671	2,157,870	9,757,366	1,673,757	4,530,704	39,249,950	41,048,051
North West Territories and Yukon	50,312	458	142,647	103,961	179,889	754,090	750,664
Canada totals	155,240,173	20,306,020	49,830,279	68,377,039	77,370,000	433,481,199	ı
Canada 1968	147,980,851	18,392,881	48,341,027	66,065,342	74,135,304	t	415,510,494
(1) Included with Maritimes.	mes.						

Included with Maritimes.
 Included with Quebec.
 Preliminary figures.

NET SALES In Canada Of Selected Petroleum Products, Year 1969P

					cool rear 1202		
	Motor	Kerosene		Fuel oil		Total all	Total all
	gasoline	stove oil	Diese1	Light	Heavy	products	products 1968
			Barrels	of 35 Canadian	gallons		
Newfoundland	2,192,479	1,382,283	2,633,225	2,121,863	4,427,687	13,938,361	12,386,411
Maritimes	10,120,822	2,939,288	3,700,810	8,792,374	14,318,616	43,185,712	43,408,558
Quebec	39,528,053	6,876,372	8,396,333	35,110,091	47,734,489	155,789,588	146,130,289
Ontario	57,565,990	3,505,723	10,170,744	37,777,160	25,757,559	155,434,826	151,373,866
Manitoba	7,652,945	1,079,737	2,839,140	1,911,316	957,703	16,751,677	16,311,589
Saskatchewan	9,755,668	1,154,445	3,876,039	1,588,772	544,085	18,986,621	19,072,495
Alberta	15,770,212	554,319	6,247,511	903,808	415,060	27,958,577	26,697,041
British Columbia	15,800,138	1,668,017	7,337,580	6,063,867	9,121,034	45,791,416	42,855,640
North West Territories and Yukon	265,312	70,796	607,369	319,052	111,429	1,779,260	1,391,752
Canada totals	158,651,619	19,230,980	45,808,751	94,588,303	103,387,662	479,616,038	1
Canada 1968	152,825,765	19,232,000	42,802,806	92,069,208	99,490,391	ı	459,627,641
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IMPORTS Into Canada of Selected Petroleum Products, Year 1969

	Motor	Kerosene		Fuel oil		Total all	Total all
	gasoline	stove oil	Diesel	Light	Heavy	1969	1968
			Barrels	of 35 Canad	ian gallons		
Atlantic Provinces Quebec	555,687 3,955,813 - 701,521	512,986 1,606,010 24,965 52,282	1,977,747 2,725,502 612 1,281,547	4,335,627 6,308,274 1,527,795 647,020	7,124,620 21,785,814 2,641,723 4,733,860	8,687,904	21,192,725 38,797,115 8,164,534 6,267,537
Canada totals	5,213,021	2,196,243	5,985,408	12,818,716	36,286,017	74,921,892	74,421,911

P Preliminary figures.

EXPORTS(1) of Selected Petroleum Products, Year 1969^{p}

	Motor	Kerosene		Fuel oil		Total all	Total all
	gasoline	stove oil	Diesel	Light	Heavy	products 1969	1968
			Barrels	of 35 Canad	ian gallons	1	
Atlantic Provinces Quebec Ontario All other	119,745 580,985	43 51,959 36,669	110,896 43 387,150	1,321,085 240,466	162,908 164,151 103,823	360,454 2,228,859 1,534,447	23 335,927 1,825,643 2,494,234
Canada totals	700,730	88,671	498,089	1,561,551	430,882	4,123,760	4,655,827

⁽¹⁾ Only those made by respondents to the Refined Petroleum Products Survey.

P Preliminary figures.

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Catalogue No. 57-002 Vol. 5, No. 32

April 1970

Oil Pipe Line Transport, February 1970, Cat. No. 55-001

Net receipts of crude oil, condensate, pentanes plus and refined petroleum products by Canadian oil pipe lines during February increased 17.7 per cent to 2,280,100 B/D from 1,938,000 B/D for the same period of the preceding year; domestic oils amounted to 1,824,400 B/D (up 20.1 per cent) and imported oils were 455,700 B/D (up 8.7 per cent).

Net deliveries of crude oil, condensate, pentanes plus and refined petroleum products during the month rose 17.4 per cent to 2,303,100 B/D from 1,962,400 B/D last year. Included in the month's deliveries were 1,484,200 B/D to domestic points (up 6.6 per cent) and 818,900 B/D for export (up 43.5 per cent).

For the two-month period, net receipts of all commodities were 2,266,400 B/D, an increase of 19.2 per cent over the same period of 1969; deliveries rose 18.3 per cent, to 2,254,100 B/D. The imports by pipe line for the period increased to 449,500 B/D while the exports of the same commodities rose to 783,600 B/D, an increase of 7.8 per cent and 46.5 per cent, respectively.

Total traffic for February amounted to 31,604 million barrel miles with an average length of haul of 490.1 miles.

Oil held by Canadian pipe line systems totalled 25,471,694 barrels by the end of February. Inventories of crude oil and equivalent decreased by 393,157 barrels, while inventories held in Canada and the United States decreased by 582,281 barrels.



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DBS REGIONAL OFFICES—St. Johns • Halifax • Montreal • Ottawa • Toronto • Winnipeg • Edmonton • Vancouver

Oil Pipe Line Supply and Disposition

		February	у 1970		Year to d	ate 1970
Supply and disposition	Crude oil and equiva- lent	Refined petroleum products and L.P.G.'S.	Total volume	% change from February 1969	Total volume	% change from previous year
			'000 barre	ls per day		
Net receipts						
Domestic	1,489.6 453.6	334.8	1,824.4 455.7	+ 20.1 + 8.7	1,816.9 449.5	+ 22.4 + 7.8
Total net receipts	1,943.2	336.9	2,280.1	+ 17.7	2,266.4	+ 19.2
			y			
Net deliveries						
Domestic	1,165.1 798.5	319.1 20.4	1,484.2 818.9	+ 6.6 + 43.5	1,470.5 783.6	+ 7.3 + 46.5
Total net deliveries	1,963.6	339.5	2,303.1	+ 17.4	2,254.1	+ 18.3
Inventory change (barrels)	- 582,281	- 99,433	- 681,714	-	600,391	-

\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5, No. 33

April 1970

Preliminary(1) Report on Coal Production March 1970

Preliminary data indicate that coal production for the month of March 1970 amounted to 1,200,477 tons, an increase of 17.1% from the March 1969 preliminary production figure of 1,025,523 tons. Landed imports were 117,350 tons compared with 86,871 tons for the same period last year.

(1) Advanced publication of data included in Monthly publication No. 45-002 Coal and Coke Statistics.



- 2 Production and Landed Imports of Coal, by Provinces

March 1970	Production(2)	Landed		
March 1970	1	imports(1)	Production(2)	Landed imports(1)
March 1970		net tons of 2	,000 pounds	
Newfoundland	265,077 53,407 207,692 113,244 290,270 95,833	43,703 9,663 32,192 789 223 - 301 86,871	217,878 49,422 - - 288,593 179,844 357,534 107,206	1,349 50,971 118 10,466 53,122 1,133 191 117,350
Three months ended March Newfoundland Nova Scotia New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta - Bituminous Sub-bituminous British Columbia and Yukon Canada totals	828,386 175,994 - - 690,139 270,023 1,013,477 231,629 3,209,648	3,508 212,684 257 40,427 158,965 1,076 345 - - 301	590,730 150,105 - - 860,523 447,214 1,043,185 274,674	1,349 109,814 407 23,958 109,497 1,425 191

⁽¹⁾ Supplied by the Dominion Coal Board; do not necessarily agree with figures reported in Trade of Canada.

⁽²⁾ All figures are preliminary.

\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5, No. 34

April 1970

Refined Petroleum Products, February 1970

Production of refined petroleum products increased 3.5% in February to 36,108,600 barrels from 34,874,112 in the same month last year, according to an advance release of data that will be contained in the February issue of the DBS report "Refined Petroleum Products".

Receipts of crude oil decreased 3.0% in February to 33,109,326 barrels from 34,135,224 a year earlier. There was 13.5% less domestic crude at 16,489,345 barrels versus 19,069,908 and, 10.3% more imported crude at 16,619,981 barrels versus 15,065,316. Domestic disappearance of finished petroleum products decreased 8.3% to 43,706,020 barrels from 47,658,810 in the same month last year.

NET SALES In Canada Of Selected Petroleum Products, February 1970

	Motor	Kerosene		Fuel oil		T	Total all	products
	gasoline	stove oil	Diesel	Light	Heavy	0	Cumulative 1970	Cumulative 1969
			barn	barrels of 35 C	Canadian gallons	lons		
Newfoundland	147,414	144,853	161,236	262,623	352,499	1,120,120	2,115,339	1,993,423
Maritimes	676,410	395,979	264,271	1,313,173	1,177,858	4,017,671	8,651,393	7,572,678
Quebec	2,789,867	794,831	490,686	4,600,141	2,697,819	12,564,420	27,587,749	25,901,765
Ontario	4,188,730	457,182	750,355	5,592,715	2,575,830	15,040,173	31,401,298	29,769,897
Manitoba	476,911	162,264	162,709	289,703	129,126	1,357,606	2,917,882	2,937,374
Saskatchewan	535,097	150,932	160,765	216,675	40,515	1,165,556	2,420,328	2,653,229
Alberta	1,089,335	74,880	417,283	111,897	24,740	1,923,280	3,898,078	3,931,817
British Columbia	1,111,056	188,276	561,220	702,566	706,992	3,762,888	7,654,039	8,661,243
North West Terri- tories and Yukon	21,716	11,643	27,933	6,226	1	103,737	205,770	208,486
Canada totals	11,036,536	2,380,840	2,996,458	13,095,719	7,705,379	41,055,451	ı	ep.
Canada cumulative	22,874,888	5,454,067	6,002,060	28,843,448	16,265,914	ı	86,851,876	1
Canada cumulative 1969	21,263,138	5,392,102	6,075,526	27,780,653	16,403,418	1	1	83,629,912

Refinery Production In Canada Of Selected Petroleum Products, February 1970

	Motor	Kerosene		Fuel oil		F F E	Total all	l products
	gasoline	stove oil	Diesel	Light	Heavy	local all products	Cumulative 1970	Cumulative 1969
		_	bar	barrels of 35 (35 Canadian gallons	lons		
Newfoundland	(1)	(1)	ŧ	(1)	(1)	(1)	(1)	(1)
Maritimes	1,044,915	258,707	(2)	847,147	1,095,429	3,752,732	7,840,772	7,642,408
Onepec	3,412,985	855,854	1,113,039	2,855,861	3,433,191	12,460,655	26,375,693	24,593,461
Ontario	3,951,741	488,439	381,668	2,413,442	1,762,753	10,498,572	21,909,617	21,498,226
Manitoba	472,269	58,554	154,002	166,718	132,339	1,141,362	2,485,545	2,657,062
Saskatchewan	795,019	124,862	343,921	181,680	171,804	1,881,600	3,911,069	4,088,873
Alberta	1,495,866	51,462	601,267	288,662	202,524	3,261,881	6,820,753	6,485,824
British Columbia	1,034,820	207,857	753,803	253,151	378,574	3,044,941	6,696,581	5,872,908
North West Terri- tories and Yukon	- 179	1	24,784	16	6,446	66,857	141,915	112,375
Canada totals	12,207,436	2,045,735	3,372,484	7,006,677	7,183,060	36,108,600	ı	
Canada cumulative 1970	26,325,249	4,324,551	6,568,584	15,076,829	15,055,431		76,181,945	8
Canada cumulative 1969	25,214,514	4,579,722	6,137,990	13,939,331 14,521,881	14,521,881	1	1	72,951,137
(1) Included with Maritimes.	times.							

⁽¹⁾ Included with Maritime (2) Included with Quebec.

IMPORTS Into Canada Of Selected Petroleum Products, February 1970

Fuel oil Total all	Diesel Light Heavy products	barrels of 35 Canadian gallons	- 54 422,358 707,609 1,275,881 - 184,313 243,905 - 184,313 243,905 - 508,966 751,065 37,650 422,358 1,400,888 2,377,125
Kerosene	stove oil	barre	94 46
Motor	gasoline		340
			Maritimes

EXPORTS* Of Selected Petroleum Products, February 1970

Total all	Heavy products	allons	21
Fuel oil	Light	ınadian ge	86,743 86,743 - 24,680
	Diesel	barrels of 35 Canadian gallons	16,611 - - 27,188 43,799
Kerosene	stove oil	barr	3,824
Motor	gasoline		63,682
			Maritimes

* Only those made by respondents to the Refined Petroleum Products survey.

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Catalogue No. 57-002 Vol. 5, No. 35

April 1970

Coal and Coke Statistics, February 1970, Cat. No. 45-002

Coal production for the month of February 1970 amounted to 1,056,884 tons, an increase of 5.4% from the February 1969 production of 1,002,385 tons, while landed imports were 63,546 tons compared with 129,757 tons for the month of February 1969. Consumption by industrial consumers amounted to 1,889,575 tons of coal and 504,917 tons of coke, an increase of 186,972 tons of coal and 19,787 tons of coke from last year.

Industrial consumers' stocks of coal and coke decreased to 4,202,208 tons from 4,615,694 tons in February 1969.

Coke production during the month of February 1970 increased to 437,266 tons from 435,541 tons in February 1969, while coke used in blast furnaces increased to 355,201 tons from 330,531 tons during the same period.

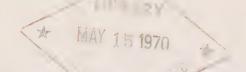
Coal and Coke Statistics February 1970

	Coke						ke
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
				tons			
Newfoundland		-	•	-	-	-	-
Prince Edward Island	-	-	-	-		-	-
Nova Scotia	192,917	24,022	182,344	52,482	14,182	46,448	-
New Brunswick	35,361	234	40,562	15,127	69,340	_	-
Quebec	-	7,656	-	80,007	167,243	52,853	105,143
Ontario	-	31,372	-	1,203,900	3,409,627	378,209	86,239
Manitoba	-	262	-	70,617	106,901	87	324
Saskatchewan	286,513	-	286,016	186,135	159,407	-	-
Alberta	457,572	-	391,170	272,090	23,457	297	306
British Columbia and Yukon	84,521	-	51,652	9,217	16,610	27,023	43,429
Total Canada 1970	1,056,884	63,546	951,744	1,889,575	3,966,767	504,917	235,441
Total Canada 1969	1,002,385	129,757	934,049	1,702,603	4,383,983	485,130	231,711

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Catalogue No. 57-002 Vol. 5, No. 36



May 1970

Retail Gasoline Statistics by Metropolitan Area, 1969

Retail sales of gasoline in Canada's major metropolitan areas for the year 1969 increased 6.8 per cent to 1,651.9 million gallons from 1,547.5 million gallons in 1968. This amount was dispensed through an average of 7,163 outlets in 1969 of which 6,044 were refiners and 1,119 outlets were non-refiners.

Using statistics on gasoline total sales, metropolitan area sales accounted for 41.3 per cent of motor gasoline sales in 1969 and 40.2 per cent in 1968.

According to estimated vehicle registration statistics, passenger cars per service station in the eight metropolitan areas averaged 392 in 1969 as compared to 379 in 1968. In 1969 the Toronto-Hamilton area had an average of 478 passenger cars per station followed by Ottawa-Hull with 438, Calgary 393, Vancouver 380, Winnipeg 370, Regina 345, Edmonton 335 and Montreal 324.

Population per car in these metropolitan areas is estimated at 3.0 in 1969. This compares favourably with the Canada figure of 3.4. The city of Calgary had a population per car of 2.6, followed by Vancouver, Toronto-Hamilton, Ottawa-Hull, Regina, Edmonton, Winnipeg and Montreal, with the last area registering a ratio of 3.7 persons per car.

During the year 1969, gasoline sold through retail pump outlets in the metro-politan areas averaged 517 gallons per vehicle as compared to 502 gallons in 1968. Regina showed an average of 578 gallons; Montreal 557; Calgary 551; Winnipeg 548; Vancouver 504; Toronto-Hamilton 495; Edmonton 477 and Ottawa-Hull 462.

Retail Gasoline Statistics by Metropolitan Area 1968

	Montreal	Ottawa- Hull	Toronto- Hamilton	Winnipeg	Regina	Edmon- ton	Calgary	Van- couver	Total
lst Quarter 1968 Refiners' outlets Other Totals	1,826	355	1,875	374	119	361	339	759	6,008
	434	77	314	44	6	47	21	149	1,092
	2,260	432	2,189	418	125	408	360	908	7,100
Refiner's gallonage ('000) Other ('000) Totals ('000)	90,732	16,753	103,727	16,727	5,584	16,902	14,696	34,487	299,608
	15,634	3,916	24,394	1,790	514	2,963	2,374	9,008	60,593
	106,366	20,669	128,121	18,517	6,098	19,865	17,070	43,495	360,201
2nd Quarter 1968 Refiners' outlets Other Totals	1,833	360	1,881	379	120	363	335	759	. 6,030
	433	79	310	44	6	42	21	147	1,082
	2,266	439	2,191	423	126	405	356	906	7,112
Refiner's gallonage ('000) Other ('000) Totals ('000)	94,319	17,085	107,133	18,782	6,719	17,877	16,189	36,633	314,737
	16,905	4,516	26,110	1,985	521	2,942	2,762	9,541	65,282
	111,224	21,601	133,243	20,767	7,240	20,819	18,951	46,174	380,019
3rd Quarter 1968 Refiners' outlets Other	1,853	363	1,878	386	124	360	336	767	6,067
	432	78	303	45	6	42	21	151	1,078
	2,285	441	2,181	431	130	402	357	918	7,145
Refiner's gallonage ('000) Other ('000) Totals ('000)	99,303	18,653	112,154	19,775	7,432	18,572	17,648	39,701	333,238
	17,738	4,490	25,857	2,118	515	2,937	2,605	10,073	66,333
	117,041	23,143	138,011	21,893	7,947	21,509	20,253	49,774	399,571
4th Quarter 1968 Refiners' outlets Other	1,849	354	1,880	386	124	364	337	771	6,065
	424	75	306	45	6	42	21	151	1,070
	2,273	429	2,186	431	130	406	358	922	7,135
Refiner's gallonage ('000) Other ('000) Totals ('000)	103,173	18,713	115,077	20,196	6,459	20,304	17,244	37,839	339,005
	18,393	4,622	27,417	2,298	509	2,976	2,605	9,825	68,645
	121,566	23,335	142,494	22,494	6,968	23,280	19,849	47,664	407,650
Refiner's gallonage 1968 ('000)	387,527	71,204	438,091	75,480	26,194	73,655	65,777	148,660	1,286,588
Other gallonage 1968 ('000)	68,670	17,544	103,778	8,191	2,059	11,818	10,346	38,447	260,853
Totals 1968 ('000)	456,197	88,748	541,869	83,671	28,253	85,473	76,123	187,107	1,547,441

Population and number of vehicles for the eight Metropolitan Areas are as follow:

	Population* 1st June 1967	Passenger cars(1, 2)	Commercial vehicles(1)
Montreal(3)	2,703,460	732,389*	98,000*
Ottawa-Hull(3)	517,418	175,748*	19,000*
Coronto-Hamilton(3)	2,806,179	980, 102	124,571
innipeg	514,000	163,121	24,932
egina	134,000	45,485	9,141
algary	347,000	130,632	27,372
dmonton	412,000	137,713	32,776
ancouver	923,000	335,776	44, 945
Canada, total	20,405,000	5,865,738	1,490,572

^{(1) 1967} registrations.
(2) Taxis included.
(3) These areas are not identical with census metropolitan areas.
* Estimates.

Retail Gasoline Statistics by Metropolitan Area 1969

					,				
	Montreal	Ottawa- Hull	Toronto- Hamilton	Winnipeg	Regina	Edmon- ton	Calgary	Van- couver	Total
lat Overtage 1000									
lst Quarter 1969 Refiners' outlets	1,842	35.2	1 076	270					
Other	435	76	1,876	3 7 0 48	120	364	333	766	6,023
Totals	2,277	. 428	2,189	418	132	412	31 364	154 920	1,117 7,140
Refiner's gallonage ('000)	92,601	17,278	108,908	18,213	6,132	17 67/	16 160		
Other('000)	15,292	4,450	26,986	2,105	651	17,674 2,978	16,167 2,991	35,276 9,444	312,249
Totals ('000)	107,893	21,728	135,894	20,318	6,783	20,652	19,158	44,720	377,146
2nd Quarter 1969									
Refiners' outlets	1,858	352	1,869	368	120	366	337	770	6,040
Other Totals	431	85	307	48	15	48	34	148	1,116
	2,289	437	2,176	416	135	414	371	918	7,156
Refiner's gallonage ('000)	98,479	18,436	118,174	21,319	7,219	19,405	17,370	40,970	341,372
Other('000) Totals('000)	16,890	6,004	28,248	2,149	839	3,277	3,318	10,358	71,083
10000	115,369	24,440	146,422	23,468	8,058	22,682	20,688	51,328	412,455
3rd Oceanton 1060									
3rd Quarter 1969 Refiners' outlets	1,879	351	1 071	200					
Other	428	89	1,871	370 48	122 16	360 49	330 33	767	6,050
Totals	2,307	440	2,174	418	138	409	363	151 918	1,117 7,167
Refiner's gallonage ('000)	104,508	19,628	117,929	22,992	7 675	20 (00	10.160		
Other ('000)	18,279	6,181	28,093	2,323	7,675 1,219	20,680 3,152	19,168	42,070	354,650 73,118
Totals ('000)	122,787	25,809	146,022	25,315	8,894	23,832	22,673	52,436	427,768
4th Quarter 1969									
Refiners' outlets	1,885	352	1,884	362	120	357	330	773	6,063
Totals	429 2,314	89 441	310 2,194	49	16 136	50	35	148	1,126
	-,514	772	2,134	411	130	407	365	921	7,189
Refiner's gallonage ('000) Other ('000)	103,755	19,637	124,432	22,077	6,931	20,209	17,759	42,366	357,166
Totals ('000)	20,114	5,944 25,581	28,562 152,994	2,465 24,542	1,747 8,678	3,650	3,978	10,917	77,377
	,	25,501		24, 142	0,078	23,859	21,737	53,283	434,543
Refiner's gallonage 1969 ('000) Other gallonage 1969 ('000)	399,343	74,979	469,443	84,601	27,957	77,968	70,464	160,682	1,365,437
Totals 1969 ('000)	70,575 469,918	22,579 97,558	111,889 581,332	9,042	4,456	13,057	13,792	41,085	286,475
	.55,520	27,330	561, 552	33,043	32,413	91,025	84,256	201,767	1,651,912

Population and number of vehicles for the eight Metropolitan Areas are as follows:

	Population* 1st June 1968	Passenger cars(1, 2)	Commercial vehicles(1)
Montreal(3) Ottawa-Hull(3) Toronto-Hamilton(3) Winnipeg Regina Calgary Edmonton Vancouver	2,744,000 527,000 2,866,000 523,000 137,000 361,000 425,000 953,000	743,700* 191,300* 1,042,807 154,073 46,617 137,796 144,011 349,038	99,800* 19,900* 130,766 16,835 9,434 27,459 32,507 51,407
Canada, total	20,744,000	6,159,573	1,577,687

^{(1) 1968} registrations.
(2) Taxis included.
(3) These areas are not identical with census metropolitan areas.
* Estimates.



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Net Cash Expenditures of the Oil and Gas-Exploration, Development and Production Industry 1969

Expenditures by the oil and gas industry during 1969, for exploration, development and production purposes, amounted to \$1,408,927,000, an increase of 10.0% over 1968 (\$1,281,168,000). Western Canada accounted for \$1,278,357,000 or 90.7% of the expenditures, with Alberta accounting for \$1,020,290,000 (72.4%) followed by Saskatchewan \$139,369,000 (9.9%) and British Columbia \$109,750,000 (7.8%).

Total geological and geophysical expenditures in Canada amounted to \$155,367,000, an increase of 2.8% over 1968. These expenditures increased 54.0% to \$36,947,000 in the Yukon, Northwest Territories and Arctic Islands, while the same expenditures in Saskatchewan, Manitoba and Ontario dropped sharply.

Exploratory and Development drilling expenditures in Canada amounted to \$270,444,000 in 1969, up 14.4% over the reported 1968 expenditures of \$236,295,000. Expenditures in Alberta were \$159,117,000; in British Columbia \$26,041,000; in Saskatchewan \$25,722,000; the largest percentage increases were in the Yukon, Northwest Territories and Arctic Islands, up 230.5% (to \$38,369,000) and in off shore drilling, 78.0% (to \$15,917,000).

Total expenditures in the Yukon, Northwest Territories and Arctic Islands rose from \$45,358,000 in 1968 to \$86,695,000 in 1969, reflecting the optimism that the industry has in discovering new and larger oil and gas fields in this promising area.

TABLE 1. Net Cash Expenditures of the Petroleum Industry - 1968 (Final)

	Off Shore and Hudson Bay	Maritimes and Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon N.W.T. and Arctic	Canada
1. Geological and Geophysical Expenditures				thousand	s of	dollars			
(a) Seismic Crew expenses	6,232	1,044	707	756	7,192	44,177	7,009	16,895	84,012
(b) All other geological and geophysical expenses	3,016	388	1,439	310	4,004	42,973	7,846	7,089	67,065
2. Land and Lease acquisition and retention									
(a) Non-producing lease rentals(b) All other(c) Producing lease and surface rentals	1,521	389 362 2	862 345 51	464 572 150	6,083 10,327 2,615	39,452 126,719 8,072	7,324 17,930 973	1,897	57,992 161,096 11,863
3. Exploratory drilling	8,940	568	1,100	812	13,222	87,613	14,890	8,825	135,970
4. Development drilling	ı	155	625	504	11,484	73,623	11,149	2,785	100,325
5. Other capital expenditures									
	1 2	59	257 170	406	7,102	51,144	6,034	202	65,206
(c) becondary recovery and pressure maintenance projects	- 27	i 1 H	259 190 166	162	5,003 1,760 855	10,435 86,977 14,663	2,022 2,172 47	376	18,257 91,099 17,993
6. Field, well and pipeline operations	,	47	1,684	2,269	33,553	95,702	969°9	341	140,292
7. Natural gas plant operations	ì	∞	385	,	2,128	51,123	3,350	ı	56,994
8. Other operating expenses									
(a) Taxes (excluding income taxes)	1	7	201	261	2,946	10,815	548	16	14,792
	1	ر ا	441	1,866	25,903	125,555	10,945	07	164,755
(c) Interest expense	280	84	32 199	143	1,985 2,712	50,173 21,914	2,531	18 841	27,890
Total	21,004	3,119	9,113	8,814	139,594	950,809	103,357	45,358	1,281,168

TABLE 2. Net Cash Expenditures of the Petroleum Industry - 1969 (Preliminary)

1. Geological and Geophysical Expenditures (a) Seismic Crew expenses		Quebec			chewan	Alberta	Columbia	N.W.T. and Arctic	Canada
Seismic Crew expenses				thous	thousands of dollar	ollars			
	5,374	1,252	486	214	2,936	49,005	8,222	28,193	95,682
2. Land and Lease acquisition and retention									
(a) Non-producing lease rentals 438 (b) All other	438	272 934 2	544 317 39	1,079 555	4,982 7,845 2,576	41,091 131,441 6,697	8,978 19,253 849	2,053 3,812 7	59,437
	917	1,101	2,381	578	10,200	91,033	14,800	32,776	168.786
4. Development drilling	ı	1	715	503	15,522	68,084	11,241	5,593	101,658
5. Other capital expenditures									
equipment acilities	1 1	1 12	266.	332	9,807	60,111	6,299	232	77,048
• • •	- 2	31	16 1,990 243	106	3,852 2,130 465	15,501 91,228 22,393	820 1,742 645	75	20,401 97,090
6. Field, well and pipeline operations	ı	72	1,692	2,780	36,901	94,407	9,785	574	146.211
7. Natural gas plant operations	1	9	345	ı	3,087	54,162	3,735	ı	61,335
8. Other operating expenditures									
(a) Taxes (excluding income taxes) 1 (b) Royalties	1 _ _ _75	- 4 439 156	264 432 34 223	300 1,954 70 102	3,001 24,606 2,123 4,501	12,148 136,630 52,218 41,587	549 12,658 2,427 2,054	20 28 1,396	16,263 176,304 57,339 51,094
Total 28,670	570	4,709	10,496	8,948	139,369 1	1,020,290	109,750		1,408,927



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May 1970

Page

1. Preliminary Electric Energy Statistics, March Catalogue No. 57-001

Net generation of electric energy increased 7.5% to 17,824,111 thousand kwh. in March 1970 from 16,580,547 thousand kwh. in March 1969. There were increases in net generation in all provinces except Nova Scotia and Northwest Territories where there were decreases of 12.8% and 5.6% respectively. The largest increases occurred in Yukon Territory and Prince Edward Island where they amounted to 80.3% and 13.9% respectively. Hydro generation increased 7.2% in March over the some period last year, while thermal generation increased 8.4%.

Imports decreased 53.4% and exports decreased 16.6% compared with March 1969. Firm energy consumption increased 6.5%.

Total generation for the twelve month period ending March 31, 1970 amounted to 194,550,467 thousand kwh. compared with 193,306,903 thousand kwh. for the twelve months ending in February 1970.

Seasonally adjusted net generation in March 1970 amounted to 16,752 million kwh. compared with 16,901 million kwh. in February and 16,924 million kwh. in January. Firm energy consumption amounted to 16,461 million kwh. on a seasonally adjusted basis. The comparable figures for February and January were 16,588 million kwh. and 16,649 million kwh. respectively.

- 2 -

Preliminary Electric Energy Statistics

(thousand Kwh)

		March	
	1968	1969	1970
Net generation - Hydro	11,303,200	12,313,054	13,197,763
Thermal	3,605,274	4,267,493	4,626,348
Total net generation	14,908,474	16,580,547	17,824,111
Energy imported from U.S.A	441,584	480,644	223,792
Energy exported to U.S.A.:			
Firm	60,951	71,208	69,104
Secondary	261,329	362,742	295,433
Total exported to U.S.A	322,280	433,950	364,537
Net energy used in Canada	15,027,778	16,627,241	17,683,366
Secondary energy used in Canada	111,721	131,703	119,142
Firm energy used in Canada	14,916,057	16,495,538	17,564,224

2. Crude Petroleum and Natural Gas Production, January 1970, Catalogue No. 26-006

According to preliminary data, the production of crude petroleum and equivalent hydrocarbons during January 1970 amounted to 46,198,241 barrels (1,490,265 barrels peday) an increase of 26.1 per cent or 308,184 barrels per day from January 1969.

Preliminary figures of natural gas net new production in January 1970 indicate an increase of 12.8 per cent to 227,783,174 Mcf. from 201,856,251 Mcf. in January 1969.

	, and the second							6	1	
	Brunswick	Ontario	Manitoba	chewan	Alberta	British Columbia	Northwest Territories	Canadian	Foreign	Iotal all sources
Supply					barrels of 35	Canadian	gallons			
Domestic production Crude oil	678	87,781	534,265	7,754,251	31,900,438 454,670 305,113	2,244,646	111,151	42,633,210 454,670 307,787	• • •	42,633,210 454,670 307 787
Totals	678	87,781	534,265	7,754,251	32,049,995	2,244,646	108,477	42,780,093		42.780.093
Condensate	4 1	1 1	1 1	33,262	55,904	7,555	t i	63,459		63,459
Net withdrawals	678	87,781	534,265	7,787,513	35,327,080	2,352,447	108,477	46,198,241		46,198,241
Imports	:	:	•	:	:		:	:	17,543,208	17,543,208
Total supply	678	87,781	534,265	7,787,513	35,327,080	2,352,447	108,477	46,198,241	17,543,208	63.741.449
Disposition										6216
Deliveries to refineries Atlantic Provinces								~		
Quebec	1 1			1 1	t i	1 1	()	1	3,866,079	3,866,079
Manitoba	I .	87,781	222,465	3,930,527	7,376,255	1	1 1	11,617,028	-	13,673,053
Saskatchewan	1 1		1/4,01	151,768	1.852.656	1 1	a i	1,311,290		1,311,290
Alberta British Columbia		1 6	1 1	1 1	3,463,249	1.894.413		3,463,249	1	3,463,249
TOTAL TRACTOR THE PROPERTY OF	1	•	1	1	1		75,058	75,058	1 1	75,058
Totals	,	87,781	238,936	4,761,661	15,004,313	1,894,413	75,058	22,062,162	17,539,132	39,601,294
Exports to U.S.A.										٠,
Petroleum Administration District I		1		000	1					
TI AT	ı	1	293,940	2,513,606	8,742,470		1 (2,505,655		2,505,655
Α	1 1	1 1	1 1	1 1	1,559,583	422,562	1 3	1,559,583	1 1	1,559,583
Totals	1	1	293,940	2,621,657	19,338,185	422,562		22,676,344	+-	22.676.344
Inventories Opening - Field and plant										
1	1,004	1 1	16,481	470,000	1,694,867	- 50,841	109,418	2,288,737	-	2,288,737
Transporters'	1,605	3 8	63,256	5.709.399	1,783,805	- 49,352	127,136	2,382,450	309,833	2,382,450
Net change	- 92	1	438	396.195	851 143	111 700	017 71	00,000,000	6000	27,309,538
Deliveries to other purchasers	1				011,11	0	0	1,3//,111	,	1,377,111
Pipeline fuel	705	. ,	1 (1 1	9,123	6,219	15,701	31,748	ı	31,7,8
Losses and adjustments	65	1 1	951	8,300	50,481	- 82,456	1 6 6	58,481	- 920	18,481
Total disposition	678	87,781	534,265	7,787,513	35.327.080	2.352 447	108 /,77	•	-	0,2,0
Figures not appropriate or not applicable.	plicable.						600	1 1 1 6 0 7 1 6 0 1		6++,1+,,00

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TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, January 1970

		New Brunswick	Quebec	Ontario	Saskatchewan
+			Mcf	•	
	A. FIELD AND PROCESSING PLANTS	I			
	Supply				
	Gross new production	14,633	16,082	1,512,754	7,046,68
	Less field flared and waste	-	-	-	976,69
	Net new production (1 - 2)	14,633	16,082	1,512,754	6,069,99
	Reproduced	-	-	-	-
	Less injected and stored	-	-		-
	Net withdrawals	14,633	16,082	1,512,754	6,069,99
	Disposition				
	Field disposition and uses	164	-	_	318,27 40,87
	Gathering system disposition and uses Processing plant disposition and uses:	_	_		
a b	Processing shrinkage	-	-	-	180,98 165,35
	Other uses	-	-	-	79,50
	Deliveries of marketable gas	14,469	16,082	1,512,754	5,284,9
	Total disposition	14,633	16,082	1,512,754	6,069,9
	B. GAS UTILITIES				
	Supply				
	Receipts of marketable gas				2,100,6
a b	Fields	14,469	16,082	1,512,754	3,184,3
	Total (14a + 14b)	14,469	16,082	1,512,754	5,284,9
	Receipts from distributor storage	-	-	16,222,969	1,718,3
а	Imports Other receipts(1)	-	-	8,676	
	Total supply of marketable gas (15 + 16 + 17 + 17a)	14,469	16,082	17,744,399	7,003,2
	Disposition				
	Sales				
	British Columbia	_	_	_	
)	Alberta	-	-	-	2 8/2 /
	Saskatchewan	-	-	-	3,842,4
	Ontario	-	-	17,696,893	
	Quebec New Brunswick	7,330	16,082	-	
	Total sales (19 to 25 inclusive)	7,330	16,082	17,696,893	3,842,4
,	Exports	-	-	-	
3	Other deliveries(2)	-	-	-	150.0
)	Delivered to distributor storage	-	-		150,9
,	Pipeline fuel	_		5,203	1,397,2
2	Pipeline losses etc	7,139	-	42,303	1,486,7
3	Total disposition of marketable gas (26 to 32 inclusive)	14,469	16,082	17,744,399	7,003,2

⁽¹⁾ L.P.G. for gas enrichment, peak shaving or temporary supply.
(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, January 1970

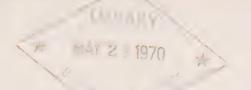
Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	
		Mcf.				1
1	1	1	1	ı		
194,813,618	32,935,672	01 612	006 /00 -00			
6,458,052	1,127,444	91,513 85,594	236,430,961 8,647,787		236,430,961 8,647,787	
188,355,566	31,808,228	5,919	227,783,174			-
-	_		,,,,,,,,,	•••	227,783,174	
16,398,949	687,314	-	17,086,263	• • •	17,086,263	
171,956,617	31,120,914	5,919	210,696,911		210,696,911	-
						-
1,181,110	937,288	-	2,436,834		2,436,834	
21,905,172	530,830		232,113	• • •	232,113	
8,859,696	3,599,729	-	22,616,990 12,624,783	• • •	22,616,990	
95,315 - 400,742	47,838	5,919	180,802	• • •	12,624,783 180,802	
140,115,552	26,014,508	-	- 352,904 172,958,293	• • •	- 352,904 172,958,293	
171,956,617	31,120,914	5,919	210,696,911		210,696,911	-
				***	210,090,911	- 1
111,731,295 28,384,257	25,538,872	-	139,370,771		139,370,771	1
	475,636	-	33,587,522	•••	33,587,522	1
140,115,552	26,014,508	-	172,958,293	• • •	172,958,293	1
399,621	-	-	18,340,903		18,340,903	1
379,951	51	on 00	388,678	194,577	194,577 388,678	1
						1
1//0 005 10/						
140,895,124	26,014,559	-	191,687,874	194,577	191,882,451	1
140,693,124	26,014,559	-	191,687,874	194,577	191,882,451	L
140,093,124	26,014,559	-	191,687,874	194,577	191,882,451	1
140,093,124	26,014,559	-	191,687,874	194,577	191,882,451	1
1,162,639	26,014,559 8,726,148	-	9,888,787	194,577	191,882,451 9,888,787	
		-	9,888,787 28,219,672	194,577	9,888,787 28,238,535	1:
1,162,639 28,219,672 5,792,969 6,660,011	8,726,148 - - -	-	9,888,787	-	9,888,787 28,238,535 9,635,459	1: 20 21
1,162,639 28,219,672 5,792,969 6,660,011 31,384,602	8,726,148 - - - - -		9,888,787 28,219,672 9,635,459 6,660,011 49,081,495	18,863	9,888,787 28,238,535 9,635,459 6,660,011 49,258,301	1: 20 21 22 23
1,162,639 28,219,672 5,792,969 6,660,011	8,726,148 - - -		9,888,787 28,219,672 9,635,459 6,660,011	18,863	9,888,787 28,238,535 9,635,459 6,660,011 49,258,301 5,589,749	1! 20 21 22 23 24
1,162,639 28,219,672 5,792,969 6,660,011 31,384,602	8,726,148 - - - - -	- - - - -	9,888,787 28,219,672 9,635,459 6,660,011 49,081,495 5,589,749 7,330	18,863 - - 176,806 - -	9,888,787 28,238,535 9,635,459 6,660,011 49,258,301 5,589,749 7,330	1: 20 21 22 23 24 25
1,162,639 28,219,672 5,792,969 6,660,011 31,384,602 5,573,667	8,726,148 - - - - - - - - - - 8,726,148	- - - - - -	9,888,787 28,219,672 9,635,459 6,660,011 49,081,495 5,589,749 7,330	18,863 - 176,806	9,888,787 28,238,535 9,635,459 6,660,011 49,258,301 5,589,749 7,330	1 ! 20 21 22 2
1,162,639 28,219,672 5,792,969 6,660,011 31,384,602 5,573,667 78,793,560 52,786,546 1,798,695	8,726,148 - - - - - - -	- - - - - -	9,888,787 28,219,672 9,635,459 6,660,011 49,081,495 5,589,749 7,330 109,082,503	18,863 - - 176,806 - -	9,888,787 28,238,535 9,635,459 6,660,011 49,258,301 5,589,749 7,330 109,278,172	1: 20 21 22 23 24 25 26
1,162,639 28,219,672 5,792,969 6,660,011 31,384,602 5,573,667 78,793,560 52,786,546 1,798,695 132,370	8,726,148	- - - - - -	9,888,787 28,219,672 9,635,459 6,660,011 49,081,495 5,589,749 7,330 109,082,503 67,248,736 1,798,695 283,309	18,863 - - 176,806 - -	9,888,787 28,238,535 9,635,459 6,660,011 49,258,301 5,589,749 7,330 109,278,172 67,248,736 1,798,695 283,309	1 ! 20 21 22 2
1,162,639 28,219,672 5,792,969 6,660,011 31,384,602 5,573,667 78,793,560 52,786,546 1,798,695 132,370 205,085	8,726,148	- - - - - -	9,888,787 28,219,672 9,635,459 6,660,011 49,081,495 5,589,749 7,330 109,082,503 67,248,736 1,798,695 283,309 328,645	18,863 - - 176,806 - - 195,669	9,888,787 28,238,535 9,635,459 6,660,011 49,258,301 5,589,749 7,330 109,278,172 67,248,736 1,798,695 283,309 328,645	1 ! 20 21 22 22 25 26 27 28 29 30
1,162,639 28,219,672 5,792,969 6,660,011 31,384,602 5,573,667 78,793,560 52,786,546 1,798,695 132,370	8,726,148	- - - - - -	9,888,787 28,219,672 9,635,459 6,660,011 49,081,495 5,589,749 7,330 109,082,503 67,248,736 1,798,695 283,309	18,863 - - 176,806 - - 195,669	9,888,787 28,238,535 9,635,459 6,660,011 49,258,301 5,589,749 7,330 109,278,172 67,248,736 1,798,695 283,309 328,645 8,579,814	11: 20: 21: 22: 23: 24: 25: 28: 29:
1,162,639 28,219,672 5,792,969 6,660,011 31,384,602 5,573,667 78,793,560 52,786,546 1,798,695 132,370 205,085 5,200,802	8,726,148	- - - - - - -	9,888,787 28,219,672 9,635,459 6,660,011 49,081,495 5,589,749 7,330 109,082,503 67,248,736 1,798,695 283,309 328,645 8,579,814	18,863 - 176,806 - - 195,669	9,888,787 28,238,535 9,635,459 6,660,011 49,258,301 5,589,749 7,330 109,278,172 67,248,736 1,798,695 283,309 328,645 8,579,814	1 ! 20 21 22 23 24 25 26 27 28 29 30 31



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Catalogue No. 57-002 Vol. 5, No. 39



May 1970

Oil Pipe Line Transport 1968, Catalogue No. 55-201

Net receipts into pipe lines during 1968 amounted to 629.1 million barrels, up 9.7 per cent from 573.7 million barrels in 1967. Operating revenues, \$184.7 million in 1968, increased 4.8 per cent over 1967 and operating expenses, \$45.6 million, increased 7.0 per cent.

Mileage of oil pipe line systems totalled 14,832 miles, up 677 miles from the total for 1967. Barrel miles increased to 283 billion from the previous year's 255 billion.

Oil Pipe Line Transport - Selected Statistics

	1963	1964	1965	1966	1961	1968
Consumption by Canadian refineries of						
Domestic production millions of bbls. Imports	186.2	199.5	208.6	220.2	224.4	235.9
Pipe line exports of domestic production	91.2	104.2	110.3	129.8	153.8	172.8
Net receipts into pipe lines						
Crude oil (domestic)	274.0	297.8	315.4	344.9	376.5	407.4
Operating revenues millions of dollars	128.6	138.5	145.8	160.2	176.3	184.7
Operating expenses	30.4	32.1	34.5	38.1	45.6	45.6
Net income (after income tax)	39.3	76.0	55.5	55.6	0.09	57.6
Total fixed assets(1)	582.7	617.8	654.0	723.0	781.6	842.9
Long term debt	298.8	291.1	299.2	344.2	333.4	342.7
Barrel miles millions of miles	175,488.7	191,241.6	203,999.4	228,125.5	255,065.8	282,529.3
Pipe line mileage						
Gathering	3,681.5 5,811.5 1,114.4	3,792.2 6,257.4 1,694.7	4,055.7 6,564.5 1,694.8	4,314.5 6,986.2 1,694.7	4,533.1 7,927.5 1,694.7	4,566.5 8,471.3 1,794.5
Totals	10,607.4	11,744.3	12,315.0	12,995.4	14,155.3	14,832.3
Average length of haul	410.5	421.7	424.6	429.5	448.2	453.5
Employees						
Number thousands of dollars	1,501	1,492	1,542	1,437	1,543	1,459
(1) Before depreciation.						

Oil Pipe Line Mileage by Provincial Size of Pipe in Service, as at December 31, 1968

	T		, as at p	ecember 31, .	1908
		Diamet	er of pipe i	n inches	
	0-5.9	6-12.9	13-18.9	19 and over	Total
			miles		1
Gathering lines					
British Columbia	113.8 1,739.5 723.4 110.3	187.7 931.2 694.8 44.7	21.1	-	301.5 2,691.8 1,418.2 155.0
Canada	2,687.0	1,858.4	21.1	-	4,566.5
Trunk lines, crude oil					
British Columbia Alberta Saskatchewan Manitoba Ontario Quebec	142.3	570.0 2,178.2 210.8 86.8 66.2 72.9	581.8 404.6 264.7 2.1 70.8	520.9 1,604.8 1,009.2 373.1 221.0 68.6	1,090.9 4,507.1 1,647.1 724.6 289.3 212.3
Canada	164.8	3,184.9	1,324.0	3,797.6	8,471.3
Product lines					
Yukon Territory British Columbia Alberta Saskatchewan Manitoba Ontario Quebec	55.5 35.0 123.0	16.1 384.0 194.5 870.1 116.3	-		55.5 35.0 139.1 384.0 194.5 870.1 116.3
Canada	213.5	1,581.0	•	-	1,794.5
Total - All lines					
Yukon Territory British Columbia Alberta Saskatchewan Manitoba Ontario Quebec	55.5 148.8 2,004.8 745.9 110.3	757.7 3,125.5 1,289.6 326.0 936.3 189.2	602.9 404.6 264.7 2.1 70.8	520.9 1,604.8 1,009.2 373.1 221.0 68.6	55.5 1,427.4 7,338.0 3,449.3 1,074.1 1,159.4 328.6
Canada	3,065.3	6,624.3	1,345.1	3,797.6	14,832.3



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Catalogue No. 57-002 Vol. 5, No. 40 LIERARY

May 1970

Oil Pipe Line Transport, March 1970, Cat. No. 55-001

Net receipts of crude oil, condensate, pentanes plus and refined petroleum products by Canadian oil pipe lines during March increased 9.7 per cent to 2,155,700 b/d from 1,965,600 b/d for the same period of the preceding year; domestic oils amounted to 1,701,700 b/d (up 9.7 per cent) and imported oils were 454,000 b/d (up 9.6 per cent).

Net deliveries of crude oil, condensate, pentanes plus and refined petroleum products during the month rose 11.8 per cent to 2,164,800 b/d from 1,938,100 b/d last year. Included in the month's deliveries were 1,400,300 b/d to domestic points (up 2.8 per cent) and 764,500 b/d for export (up 32.8 per cent).

For the three-month period, net receipts of all commodities were 2,228,200 b/d, an increase of 15.9 per cent over the same period of 1969; deliveries rose 16.0 per cent, to 2,223,400 b/d. The imports by pipe line for the period increased to 451,000 b/d while the exports of the same commodities rose to 777,000 b/d, an increase of 8.4 per cent and 41.6 per cent, respectively.

Total traffic for March amounted to 32,015 million barrel miles with an average length of haul of 477.1 miles.

Oil held by Canadian pipe line systems totalled 25,339,553 barrels by the end of March. Inventories of crude oil and equivalent decreased by 39,809 barrels, while inventories held in Canada and the United States decreased by 144,434 barrels.

Oil Pipe Line Supply and Disposition

		March	1970		Year to d	ate 1970
Supply and disposition	Crude oil and equiva- lent	Refined petroleum products and L.P.G.'S.	Total volume	% change from March 1969	Total volume	% change from previous year
			'000 barre	ls per day		
Net receipts						
Domestic	1,388.1 451.0	313.6 3.0	1,701.7 454.0	+ 9.7 + 9.6	1,777.2 451.0	+ 17.9 + 8.4
Total net receipts	1,839.1	316.6	2,155.7	+ 9.7	2,228.2	+ 15.9
Net deliveries						
Domestic	1,098.2 747.5	302.1 17.0	1,400.3 764.5	+ 2.8 + 32.8	1,446.4 777.0	+ 5.8 + 41.6
Total net deliveries	1,845.7	319.1	2,164.8	+ 11.7	2,223.4	+ 16.0
Inventory change (barrels)	- 144,434	- 116,506	- 260,940	-	339,451	-

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Catalogue No. 57-002 Vol. 5, No. 41



May 1970

Fuel and Electricity Purchased and Consumed by the Manufacturing Industries by

Major Group, by Region, 1966

This is the third in a series of releases relating to energy consumed by the Manufacturing Industries. Data covering the years 1964 and 1965 were previously published in Service Bulletin form, Catalogue No. 57-002 Vol. 5, Nos. 19 and 28 respectively. It is intended that 1967 figures will be published within the next month. Succeeding releases for the year 1968 onwards will be published as the data become available.

The following tables show the amount of fuel and electricity, in terms of both quantity and value, purchased and consumed by the 20 major groupings of respondents to the Census of Manufacturers. In that this survey covers only fuel and electricity purchased and consumed, the data do not represent total energy consumption by the manufacturing industries. For example, any establishment with its own electricity generating facilities does not have incorporated in the tables any energy generated for its own consumption.

The data are presented by 5 geographical areas: Atlantic; Quebec; Ontario; Prairies; British Columbia, Yukon and the Northwest Territories. Problems of confidentiality of data determined the choice of these levels of aggregation. It should be noted that individual figures may not sum to the totals because of rounding.

In 1966 (Comparative 1965 figures in brackets) Ontario accounted for 46.4% (46.5%) or some \$340 million (\$314) of the total expenditure of \$732 million (\$676), followed by Quebec at 29.7% (29.5%) or \$218 million (\$199). Expenditures on solid fuels amounted to 11.0% (12.5%) of the total, on petroleum derivatives (including L.P.G.) 28.4% (27.4%), on natural gas 11.7% (11.2%), on electricity 43.3% (42.6%) and on other 5.6% (6.3%). The category "other" covers the fuel forms wood, steam, other manufactured gas, and also includes expenditures on all fuel types by those smaller establishments which are not required to differentiate btween the various fuel forms.

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1966 Anthracite (quantity Tons, Value $\1000)

	Atlantic P	Provinces	Quebec		Ontario	0	Prairie Provinces	vinces	B.C. Yukon, N.W.T.	on,	Total	
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	1	1	2,587	67	2,184	37	'	ı	5	i 1	4,776	98
2. Tobacco products industries	ı	ı	I	1	19	1	ŧ	١	ŧ	1	19	1
3. Rubber industries	ı	1	1	1	\$	1	ı	1	ŧ	4	1	t
4. Leather industries	t	1	19	-	23	1	ı	1	1	1	42	1
5. Textile industries	4	ı	57	1	367	9	1	1	ŧ	1	757	σο
6. Knitting mills	1	ı	612	13	432	7	1	1	ı	ŀ	1,044	20
7. Clothing industries	ŧ	1	152	3	ł	ŧ	ı	1	ŀ	1	152	8
8. Wood industries	ı	1	38	1	284	5	ı	ı	1	ı	322	5
9. Furniture and fixture industries	1	ŧ	399	80	150	en	ı	F	,	1	675	11
10. Paper and allied industries	1	ı	1	1	1	1	1	,	1	t	ı	1
11. Printing, publishing and allied industries	1	1	169	7	13	}	1	1	7	;	189	٢
12. Primary metal industries	ı	1	159,469	2,565	686,4	29	1	t	1	1	164,458	2,632
13. Metal fabricating industries	∞	1	138	ε,	1,289	20	1	ı	12	1	1,447	23
14. Machinery industries	1	6	1	1	1,817	24	1	1	1	ı	1,817	24
15. Transportation equipment industries	1	1	533	00	14,894	165	e e	1	78	2	15,508	175
16. Electrical products industries	1	1	ı	ı	1	ı	1	1	,	4	'	1
17. Non-metallic mineral products industries	ŧ	ı	160	2	251	5	429	7	,	'	840	14
18. Petroleum and coal products industries	1	•	1	1	55	-	,	'	1	1	55	1
19. Chemical and chemical products industries	ı	ı	7,976	143	154	2	1	ı	1	1	8,130	145
20. Miscellaneous manufacturing industries	1	1	804	12	45	1	ì	ı	ı	1	849	13
Totals	00	1	173,113	2,813	26,966	345	432	7	102	2	200,621	3,168

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1966 Canadian Bituminous Coal (Quantity Ions, Value \$1000)

					ř.							
Industry group	Atlantic Provinces	rovinces	Quebec	U	Ontario	io	Prairie Provinces	ovinces	B.C. Yukon, N.W.T.	kon,	Total	a.1
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	6,551	113	6,540	110	27,252	364	1,229	14	319	9	41.891	809
2. Tobacco products industries	1	•	14	1	36		•	1	1	1	200	3 -
3. Rubber industries	1		1	ı	1	1	1	1	t	1	3 ,	· .
4. Leather industries	1	1	2,340	35	829	14	ŀ	ı	1	1	3,199	50
5. Textile industries	1	ı	12,099	163	555	00	18	;	,		12,672	171
6. Knitting mills		1	5,939	92	1	1	1	1	ı	1	5,939	92
7. Clothing industries	1	t	338	7.7	619	6	1	1	5	1	962	14
8. Wood industries	1,194	21	1,249	16	5,570	78	269	7	521	7	9,103	129
9. Furniture and fixture industries	82	Н	1,163	17	3,409	51	20	1	2	1	4,676	69
10. Paper and allied industries	414,974	3,608	634,308	6,553	15,705	219	í	,	99	2	1,065,053	10,382
11. Printing, publishing and allied industries	249	7	1	1	5,180	75	759	-	21	1	5.514	. 81
12. Primary metal industries	24,792	207	155,948	2,168	120,435	1,536	132,519	1,939	81,463	760	515,157	6,611
13. Metal fabricating industries	1,247	17	962	15	8,243	101	1	1	55	F	10,507	135
14. Machinery industries	1	ı	431	7	1,553	20	87	1	81	2	2,113	29
15. Transportation equipment industries	16,817	205	230	4	77,121	827		1	286	9	94,454	1,041
16. Electrical products industries	1,786	30	420	9	1		1	1	1	t	2,206	36
17. Non-metallic mineral products industries	85,535	919	287,967	2,804	776	14	193	m	839	12	375,511	3,753
18. Petroleum and coal products industries	1	1	,	1	1	1	ı	E	ı	ı	1	ı
19. Chemical and chemical products industries	125	e	12,988	192	46,878	459	99	~~	ı	1	60,057	655
20. Miscellaneous manufacturing industries	-	ı	1	\$	17,093	202	70	1	20	1	17,153	203
Totals	553,352	5,128	1,122,936	12,188	331,485	3,979	134,766	1,967	83,678	796	2,226,217	24.059

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1966 Imported Bituminous Coal (Quantity Tons, Value \$'000)

) 	d d										
	Atlantic P	Provinces	(Auebec		Ontario	0	Prairie Provinces	vinces	B.C. Yukon, N.W.T.	°uc	Total	
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	0005
1. Food and beverage industries	ı	ı	6,387	121	181,135	2,133	747	1	f	1	187,569	2,255
2. Tobacco products industries	1	ı	1	1	3,208	45	1	4	1	1	3,208	45
3. Rubber industries	1	1	48	1	996,74	513	1	1	1	1	48,014	514
4. Leather industries	ı	1	1,251	19	17,778	214	1	1	,	١.	19,029	233
5. Textile industries	,	,	2,399	37	41,593	209	1	ı	1	1	43,992	545
6. Knitting mills	1	1	486	00	9,767	124	1	ı	•	1	10,253	132
7. Clothing industries	1	ı	86	2	1,123	14	1	1	1	1	1,209	16
8. Wood industries	1	ı	1,020	15	2,925	45	1	1	1	'	3,945	61
9. Furniture and fixture industries	1	t	1,704	27	7,736	118	4	'	ı	1	077,6	145
10. Paper and allied industries	ì	1	121,667	1,696	719,686	7,890	1	1	1	1	841,353	9,585
11. Printing, publishing and allied industries	ı	1	20	1	1,856	32	ı	1	1	1	1,876	33
12. Primary metal industries	1	ı	1	1	430,953	5,194	1	1	1		430,953	5,194
13. Metal fabricating industries	i	1	575	10	36,302	412	1	1	59		36,936	422
14. Machinery industries	ı	1	293	7	48,936	518	1	1	1	ı	49,229	523
15. Transportation equipment industries	ŧ	•	t	1	343,819	3,758	1	1	1		343,819	3,758
16. Electrical products industries	1	1	3,798	20	61,861	789	1	1	1	1	629'59	839
17. Non-metallic mineral products industries	1	ı	8,822	163	755,442	8,421	4,058	80	'	1	768,322	8,664
18. Petroleum and coal products industries	1	1	1	,	237	3	ı	å	1	1	237	3
19. Chemical and chemical products industries	1	1	70,205	1,106	1,229,977	10,600	1	1	1		1,300,182	11,707
20. Miscellaneous manufacturing industries	t	1	3,080	20	15,837	214		-		'	18,917	265
Totals	1	1	221,841	3,310	3,958,137	41,548	4,105	81	59	1	4,184,142	44,939

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1966 Sub-Bituminous Coal (Quantity Tons, Value \$'000)

Industry group	Atlantic P	c Provinces	Quebec	Ų	Ontario	io	Prairie Provinces	ovinces	·B.C. Yukon, N.W.T.	ikon,	Total	
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	1	1	ŧ	\$	£	1	2.341	20	Ø Ye	٢	000	8
2. Tobacco products industries	1	1	1	ř	ı	1		1 1	0 1		7,709	76
3. Rubber industries	1	1	1	,	1	ı	1	1	1,121	16	1.121	, ,
4. Leather industries	1	ı	1	1	4	1	,	,			1	2 1
5. Textile industries	ı	ı	š	,	1	1	1	ı	,	,	1	
6. Knitting mills	1	ı	1	1	٠	1	ê	,	,		1	
7. Clothing industries	1	1	ı	1	1	•	ŧ	ı	,	ı	1 (•
8. Wood industries	r	1)	1	61	7	246	2	1	1 1	307	3 6~
9. Furniture and fixture industries	1	ı	ı	t	914	15	73		14	i i	1,001	16
10. Paper and allied industries	1	ſ	1	1	25,061	341	1	,	1	1	25.061	341
ll. Printing, publishing and allied industries	ŧ	1	ı	1	1,173	24	1	1	1	,	1 173	76
12. Primary metal industries	1	1	1		1		10	ı	ı	1	10	† ±
13. Metal fabricating industries	1		1	1	I	,	105	1	06	-	195	7
14. Machinery industries	1	i	ŀ	1	1	1	1	1	867	7	867	7
15. Transportation equipment industries	ı	ı	ł	1	303	ľΩ	,		ı	,	303	ŧΩ
16. Electrical products industries	ı	1	ı	ı	ı	•	1	,	,	1	,	t
17. Non-metallic mineral products industries	ı	ı	,	1	38	П	1	1	(1	38	F
18. Petroleum and coal products industries	ı	ı	1	1	1	1	727	9	1	1	727	, vc
19. Chemical and chemical products industries	1	4	ŧ	1	ı	ı	1		1			,
20. Miscellaneous manufacturing industries	1	•	1	t	30	_	å	1	07	-	0	, "
									2	4	2	
Totals	2	ı		1	27,580	388	3,502	29	2,131	31	33,213	748

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1966 Lignite (Quantity Tons, Value \$'000)

			0-1									
	Atlantic P	Provinces	Quebec		Ontario	0	Prairie Provinces	vinces	·B.C. Yukon, N.W.T.	ou,	Total	
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	ı	ı	ı	ı	197	7	5,223	34	1	1	5,690	37
2. Tobacco products industries	1	1	1	1	ľ	1	-	1	ı	1	1	
3. Rubber industries	1	1	1	1	1	1	1	ı	I	1	1	•
4. Leather industries	1	1	,	1	1	ŧ	1	1	ı		,	ı
5. Textile industries	1	1	•	1	1	1	1	1	1	1	•	1
6. Knitting mills	ı	1	1	6	1	1	ı	1	1	ı	1	1
7. Clothing industries	1	ı	1	1	1	1	1	ı	1	ı	1	,
8. Wood industries	ı	ı	1	1	23	1	248	2	ı	à	571	9
9. Furniture and fixture industries	t	t	1		15	;	200	2	ı	1	215	2
10. Paper and allied industries	ı	1	1	1	211,554	196	120,304	523	1	1	331,858	1,485
11. Printing, publishing and allied industries	1	1	1	1	1	ı	1	1	*	1	1	1
12. Primary metal industries	1	1	1	1	251	7	220	2	1	1	471	9
13. Metal fabricating industries	,	ı	1	1	1	ŧ	ł	١	ı	1	1	•
14. Machinery industries	ŧ	1	1	1	1	ı	151	1	1	ı	151	1
15. Transportation equipment industries	t	1	1	1	5	1	181	2	٠	1	186	2
16. Electrical products industries	ţ	1	1	1	4	ı	445	3	ŧ	1	577	9
17. Non-metallic mineral products industries	1	1	1	1	113	2	12,576	84	'	,	12,689	86
18. Petroleum and coal products industries	1	1	1	ı	1	1	279	9	1	(279	m
19. Chemical and chemical products industries	ı	'	ı	ı	,	1	461	m	1	1	197	М
20. Miscellaneous manufacturing industries	1	-	1	,	1	1	1	1	,	1	1	
Totals	1	ŧ	1	,	212,428	973	140,588	662	1	ı	353,016	1,634

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1966 Coke (Quantity Tons, Value \$'000)

Industry group	Atlantic Provinces	Provinces	Quebec	y.	Ontario	o i i	Prairie Provinces	ovinces	B.C. Yukon, N.W.T.	kon,	Total	al
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
Food and beverage industries	120	c	1 603	C								
Tobacco products industries	ŧ) 1	4,033	29	1,061	27	3,618	91	00	;	6,500	160
	ı	r	1 1	1 (ŧ	1	•	1	1	ı	1	1
4. Leather industries	1	,	,	1 4	1	1	•	,	,	1	r	1
Textile industries	1	1	,	1	1	ı			•		•	ı
Knitting mills	ı	,	,) 1	•	ì	•	ı	1	ŧ	1	1
Clothing industries	,	ı	100		. 6	• "	•		1	,		9
Wood industries	1	1	,) 1	76	7	8 C	1	•	,	192	5
Furniture and fixture industries	ı	1	108	^)	8	25		1	r	25	
Paper and allied industries	1	ı		1	17. 272	1 0	1	1	9	;	114	2
Printing, publishing and allied industries	,	1	L/)	14,0/0	136	ı	1	•	1	14,676	136
Primary metal industries	113	٩	2 952	1 1	32	1	1	ŧ	ŧ	1	7.7	7
Metal fabricating industries	33	П	1 00	5 1	1/1,433	4,353	3,202	154	57,856	1,229	241,576	5,829
Machinery industries	ı	1	77	2) 1	-1	,	1	4	ē ē	93	2
15. Transportation equipment industries	75	n	1	1	ر د		ı	t	371	17	448	19
Electrical products industries	423	18	1	1	370	ı u	1	1	41	П	131	7
Non-metallic mineral products industries	1	1	378	0	3 735	Ç [3	1	ı	ı		793	33
Petroleum and coal products industries	ı	ı	,	r).))	77	9	ı	8	1	4,113	100
Chemical and chemical products industries	09	-	C			1	8	ı	1	1	1	ı
Miscellaneous manufacturing industries		4	77 0	2	21,398	150	128	4	ı	1	21,598	156
			90/	15	21	*	,				727	15
Totals	824	32	6,049	158	218,901	4,775	6,973	250	58,286	1,248	291,033	6,462
						-		_				

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1966 Gasoline (Quantity '000 gal., Value \$'000)

		7 200 60	Too casotine (day	(damie it)	ooo gar., value	(nnn h						
	Atlantic P	Provinces	Quebec	v	Ontario	0	Prairie Provinces	vinces	B.C. Yukon, N.W.T.	on,	Total	
Tudustry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	4,906	2,027	16,177	5,970	28,509	10,168	9,272	3,218	4,106	1,458	62,970	22,840
2. Tobacco products industries	1	ı	70	31	80	38	1	1	1	ŧ	158	69
3. Rubber industries	1	1	115	20	265	106	Н	1	ı	1	380	156
4. Leather industries	1	1	106	47	114	67	2	2	ø	ı	225	98
5. Textile industries	41	22	457	192	515	217	55	23	35	15	1,104	897
6. Knitting mills	1	ı	80	34	73	33	2	-	ı	ř	156	68
7. Clothing industries	П	į.	840	338	238	100	42	17	45	19	1,166	727
8. Wood industries	1,093	457	3,632	1,475	3,657	1,409	1,060	370	5,716	1,705	15,158	5,416
9. Furniture and fixture industries	11	5	773	321	715	296	157	65	96	07	1,752	728
10. Paper and allied industries	196	89	970	369	1,337	667	121	41	865	210	3,489	1,187
11. Printing, publishing and allied industries	134	62	538	221	1,649	631	255	86	124	99	2,701	1,068
12. Primary metal industries	89	25	1,044	336	1,792	580	237	9/	501	145	3,662	1,162
13. Metal fabricating industries	248	115	2,412	985	4,667	1,890	557	206	472	186	8,357	3,380
14. Machinery industries	10	7	405	162	1,247	471	334	147	92	38	2,088	821
15. Transportation equipment industries	144	67	1,039	292	5,391	1,433	118	20	177	69	6,869	1,889
16. Electrical products industries	31	15	377	142	1,271	533	10	7	59	25	1,748	719
17. Non-metallic mineral products industries	849	326	4,124	1,455	9,759	3,210	3,008	1,065	1,361	392	19,100	6,449
18. Petroleum and coal products industries	1	1	168	79	110	37	45	15	20	00	340	123
19. Chemical and chemical products industries	95	36	1,523	614	2,541	1,051	237	78	124	97	4,519	1,826
20. Miscellaneous manufacturing industries	57	26	576	259	1,797	757	223	92	177	16	2,831	1,210
Totals	7,905	3,238	35,426	13,357	65,737	23,508	15,736	5,567	13,970	4,483	138,774	50,152

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1966 Fuel Oil (Quantity '000 gal., Value \$'000)

Industry group	Atlantic	Provinces	Quebec	Ų	Ontario	io	Prairie Provinces	rovinces	B.C. Yukon,	ıkon,	Tota1	31
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
l. Food and beverage industries	31,301	3,176	81,671	7,448	81,828	8,100	5,698	451	9,596	1,201	210.094	20.376
2. Tobacco products industries	ſ	ı	2,492	202	1,841	167	•	1	1		4,333	369
3. Rubber industries	1	ı	6,288	909	20,175	1,691	20	n	1	,	26,484	2,201
4. Leather industries	105	16	1,425	172	4,326	394	2	1	ı		5,857	582
5. Textile industries	823	72	57,361	4,505	30,357	2,589	33	2	41	. 22	88,616	7,176
6. Knitting mills	1,006	75	3,612	359	2,166	227	20	00	36	7	6,870	673
7. Clothing industries	104	17	2,382	290	1,042	123	41	6	t		3,568	439
8. Wood industries	1,771	259	4,700	915	3,364	603	3,686	550	11,874	2,190	25,394	4,517
9. Furniture and fixture industries	63	11	2,409	332	2,759	351	165	17	103	16	5,500	726
10. Paper and allied industries	115,961	7,718	291,181	20,797	67,770	5,669	926	78	155,898	11,675	631,766	45, 938
ll. Printing, publishing and allied industries	471	89	2,934	322	4,821	568	4	7	208	33	α α α α α α α α α α α α α α α α α α α	000
12. Primary metal industries	26,127	1,906	89,709	10,538	194,173	17,751	7,756	918	3,282	407	321.047	31,520
13. Metal fabricating industries	2,875	339	12,321	1,378	15,904	1,967	601	79	945	110	32,646	3,872
14. Machinery industries	39	7	3,552	421	12,020	1,185	188	29	210	29	16,009	1,671
15. Transportation equipment industries	3,343	315	18,470	1,625	23,892	2,185	237	23	537	69	46,478	4,219
16. Electrical products industries	736	93	605'6	823	18,800	1,800	118	13	80	10	29,242	2,739
17. Non-metallic mineral products industries	965'9	721	69,534	5,912	43,721	4,350	2,141	380	15,778	1,286	137,771	12,649
18. Petroleum and coal products industries	1	1	1,259	104	1,309	150	104	15	14	m	2,686	272
19. Chemical and chemical products indus- tries	945	112	62,127	4,688	55,023	4,872	876	83	2,806	286	121.774	10.041
20. Miscellaneous manufacturing industries	166	19	4,575	476	5,304	649	23	m	67	10	10,135	1,157
Totals	192,427	14,923	727,510	61,815	590,595	55,392	22,738	2,670	201,477	17,334	1,734,748	152,134

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1966 Liquefied Petroleum Gases (Quantity '000 gal., Value \$'000)

		1										
	Atlantic P	Provinces	Quebec		Ontario	0.	Prairie Provinces	vinces	B.C. Yukon, N.W.T.	on,	Total	
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	281	16	2,411	413	1,141	263	205	57	167	47	4,206	856
2. Tobacco products industries	1	t	147	59	150	99	1	1	1	1	297	125
3. Rubber industries	1	1	14	9	67	13	22	m	2	1	87	23
4. Leather industries	1	l I	7	2	2	1	1	t	1	ı	10	е
5. Textile industries	H		546	135	95	26	1	1	1	ı	642	161
6. Knitting mills	n	г	3	-	3	F	2	1	ı	1	11	3
7. Clothing industries	2	r-d	39	11	2	1	,	1	1	1	43	12
8. Wood industries	7	2	37	13	147	35	63	10	3,648	487	3,901	247
9. Furniture and fixture industries	1	1	040	6	67	10	1	1	m	1	92	20
10. Paper and allied industries	2,771	198	1,477	332	562	132	77	17	527	16	5,414	776
11. Printing, publishing and allied industries	13	7	26	9	48	13	13	4	2	\$ 8	101	27
12. Primary metal industries	1	1	4,414	199	1,860	541	79	22	281	47	6,620	1,278
13. Metal fabricating industries	138	23	561	107	1,017	207	13	4	07	6	1,769	351
14. Machinery industries	ı	1	134	31	296	65	43	10	50	11	522	116
15. Transportation equipment industries	48	13	654	65	1,793	223	28	7	85	22	2,609	330
16. Electrical products industries	23	∞	1,403	207	224	58	5	1	1	8 8	1,656	275
17. Non-metallic mineral products industries	7	2	1447	120	1,092	216	67	16	105	25	1,719	379
18. Petroleum and coal products industries	1	1	4	1	1	;	ı	1	1	1	1 5	;
19. Chemical and chemical products industries	2	r-4	276	149	767	225	23	9	24	9	1,790	386
20. Miscellaneous manufacturing industries	16	9	84	27	93	25	1	:	3		197	59
Totals	3,315	337	13,391	2,360	9,417	2,121	626	159	4,937	753	31,687	5,730

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1966 Natural Gas (Quantity Million cu. ft., Value \$'000)

			ייי ספט ולתמ	nercy Fur	des (quantity million cu. it., value \$'000)	·, value	(000)					
Industry groun	Atlantic Provinces	Provinces	Óuebec	၁	Ontario	rio	Prairie Provinces	ovinces	B.C., Yukon, N.W.T.	ľukon, ľ.	Total	
	Quantity	Cost	Quantity	Cost	Quanti ty	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	ŧ	ı	1,342	859	9,661	5,292	10,330	3,051	2,721	1,353	24,055	10,557
2. Tobacco products industries	1	ł	157	65	09	57	1	1	ı	1	217	122
3. Rubber industries	1	ı	13	13	641	416	211	39	7	9	871	475
4. Leather industries	1	ē	19	20	142	118	88	29	1		250	168
5. Textile industries	•	1	91	89	1,577	1,268	1,233	208	43	42	2,945	1,608
6. Knitting mills	ı	ı	15	18	237	195	9	3	-	ŧ	257	217
7. Clothing industries	1	1	48	32	185	163	131	55	19	16	384	265
8. Wood industries	6	1	13	∞	097	329	836	243	1,227	658	2,536	1,238
9. Furniture and fixture industries	1	ì	45	67	167	097	159	06	41	37	737	636
10. Paper and allied industries	2	H	1,138	455	20,595	8,410	4,160	1,584	5,142	2,028	31,037	12,478
11. Printing, publishing and allied industries	t	,	102	95	422	369	360	155	58	41	942	099
12. Primary metal industries	ı	8	2,641	1,226	26,231	12,963	6,045	1,236	1,743	808	36,659	16,232
13. Metal fabricating industries	1	8	943	684	6,872	5,213	864	379	402	269	9,080	6,545
14. Machinery industries	ı	1	165	130	1,997	1,635	697	195	113	104	2,739	2,064
15. Transportation equipment industries		ı	188	150	5,327	3,872	515	187	78	65	6,108	4,274
16. Electrical products industries	ě	ı	202	194	2,059	1,749	140	19	54	747	2,455	2,058
17. Non-metallic mineral products industries	I	1	6,448	2,638	186,6	5,821	14,695	3,447	2,205	976	33,329	12,853
18. Petroleum and coal products industries	1	ı	100	67	1,220	470	7,096	1,428	707	165	8,820	2,113
19. Chemical and chemical products industries	1	ı	1,193	929	9,582	5,071	20,221	3,503	1,795	710	32,791	9,939
20. Miscellaneous manufacturing industries	1	1	63	09	1,122	995	126	53	95	37	1,357	1,144
Totals	2	Н	14,924	7,490	98,863	54,867	67,681	15,952	16,099	7,335	197,569	85,645

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1966 Electricity (Quantity '000 Kwh., Value \$'000)

	Atlantic P	Provinces	Onepec		Ontario	° Co	Prairie Provinces	vinces	B.C. Yukon, N.W.T.	on,	Total	
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	150,716	2,861	545,731	6,262	962,207	9,655	374,689	4,827	154,846	2,127	2,188,189	25,732
2. Tobacco products industries	ŧ	1	41,489	401	35,907	370	6	à	\$	1	77,396	771
3. Rubber industries	1	1	99,567	971	353,210	2,704	17,079	119	1,178	18	471,035	3,812
4. Leather industries	559	12	34,566	524	50,879	653	2,934	42	769	. 14	89,632	1,245
5. Textile industries	18,576	224	558,517	5,158	549,222	3,769	3,235	70	4,413	75	1,133,963	9,296
6. Knitting mills	3,716	63	36,245	611	33,135	386	988	15	756	6	74,839	1,084
7. Clothing industries	1,022	21	85,744	1,464	34,416	518	13,672	258	2,819	53	137,672	2,314
8. Wood industries	38,738	790	118,664	2,018	122,950	1,607	41,699	761	666,534	7,966	988,584	13,143
9. Furniture and fixture industries	1,320	28	65,617	1,044	73,255	1,092	9,811	196	7,587	151	157,591	2,512
10. Paper and allied industries	1,964,189	11,859	8,439,670	36,430	4,056,062	20,908	295,116	1,607	2,435,140	13,265	17,190,176	690,48
11. Printing, publishing and allied industries	8,965	201	97,234	1,129	182,827	1,990	31,280	491	33,693	421	353,998	4,232
12. Primary metal industries	18,875	233	766,088,7	20,019	4,415,712	27,273	1,481,449	6,978	1,783,914	2,270	12,580,943	56,773
13. Metal fabricating industries	37,949	787	247,710	2,740	643,111	6,922	47,557	770	53,966	762	1,030,292	11,677
14. Machinery industries	3,240	36	83,089	853	326,403	3,213	15,967	286	19,308	278	448,007	4,665
15. Transportation equipment industries	42,406	516	257,492	2,471	1,120,346	9,342	42,687	894	29,669	644	1,492,602	13,246
16. Electrical products industries	8,578	123	270,726	2,388	069,989	5,525	. 22,626	299	15,271	159	1,003,891	8,493
17. Non-metallic mineral products industries	84,465	963	1,108,729	6,346	1,723,641	10,418	261,133	2,096	108,324	896	3,286,292	20,791
18. Petroleum and coal products industries	86,949	915	484,614	2,411	585,576	3,607	252,111	2,047	177,447	1,197	1,586,696	10,177
19. Chemical and chemical products industries	132,238	1,025	2,114,820	806,6	3,330,964	20,282	330,013	2,095	1,908,059	4,258	7,816,094	37,568
20. Miscellaneous manufacturing industries	5,343	106	107,560	1,408	270,323	3,051	10,379	197	9,912	167	403,516	4,929
Totals	2,607,844	20,461	19,678,777	104,556	19,556,835	133,285	3,254,425	23,622	7,413,529	34,606	52,511,410	316,530

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1966 Other (Quantity not applicable, Value \$'000)

Table 6 very contract	Atlantic Provinces	rovinces	Quebec	, o	Ontario	io	Prairie Provinces	ovinces	B,C. Yukon,	ıkon, I.	Total	a]
don's farmer	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	ı	653	ŧ	2,873	1	3,028	1	1,089	,	719		8 361
2. Tobacco products industries	í	1	1	37	í	!	ŧ		ı	1	1	37
3. Rubber industries	1	1	ı	225	1	98	1	00	ı	00	1	327
4. Leather industries	ı	2	1	80	ŧ	113	ſ	7	1	9	1	208
5. Textile industries	1	25	1	370	•	415	ı	45	1	. 17	t	873
6. Knitting mills	1	9	•	99	1	36	1	6	1	6	1	110
7. Clothing industries	ł	m	1	500	ŧ	79	1	23	4	0	1	309
8. Wood industries	ı	575	1	1,063	ı	894	•	617	1	2,523	1	5,672
9. Furniture and fixture industries	1	23	ı	356	ŧ	256		63	1	59	ı	758
10. Paper and allied industries	1	979	1	1,481	,	735	1	70	ı	2,274	1	5,105
<pre>11. Printing, publishing and allied industries</pre>	î	67	1	230	ŧ	244	1	163	1	00	,	1 070
12. Primary metal industries	ı	∞	1	139	1	770	1	20	•	54	1	991
13. Metal fabricating industries	1	144	1	856	1	1,947	1	292	1	327	1	3,565
14. Machinery industries	1	72	1	84	1	304	ı	78	ı	87	ı	586
15. Transportation equipment industries	'	95	1	141	1	507	ı	4	,	59	t	847
16. Electrical products industries	1	2	ê	305	1	334	1	6	1	41	ı	069
17. Non-metallic mineral products industries	1	71	(432	1	609	1	301	1	237	1	1,651
18. Petroleum and coal products industries	1	271	1	2	'	162	1	7	i	260	,	702
19. Chemical and chemical products industries	ŧ	4	F	515	ı	7,313	1	114	1	188	1	8.134
20. Miscellaneous manufacturing industries	1	45	ı	192	1	677	ŀ	70	1	69	4	825
Totals	'	2,592	4	9,646	1	18,567	1	3,030	1	6,988	1	40,823



For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

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Catalogue No. 57-002 Vol. 5, No. 42



May 1970

Sales of Natural Gas, March 1970 Catalogue No. 55-002

Total sales of natural gas to Canadian consumers for March were 98,030,907 Mcf. This was an increase of 11.2% over the same month last year. Revenue from sales was \$67,734,347.

Sales for the first three months of 1970 were 307,064,845 Mcf., an increase of 6.2% over the same period last year. Exports continued to rise over the period amounting to 197,308,508 Mcf., an increase of 17.4%, while imports were 732,970 Mcf., a decrease of 92.7%. Export revenues were up 21.3%.

Sales of Natural Gas, March 1970

	Custome	rs	Conneld	Povezue
	Space heating	Total	Gas sold	Revenue
	No.		Mcf.	\$
esidential:		4 640	0.07/	0.66
New Brunswick	130	1,640 205,958	2,974 2,286,529	9,66 3,148,77
Quebec	595,913	729,708	16,844,148	18,361,45
Ontario	111,625	113,785	2,756,168	2,264,60
Saskatchewan	123,268	125,762	2,999,405	2,165,87
Alberta	275,243	276,914	6,398,412	3,394,21
British Columbia	186,495	213,657	2,955,766	3,674,24
Canada	1,402,366	1,667,424	34,243,402	33,018,85
ommercial: New Brunswick		54	2,257	5,44
Quebec		10,276	845,175	935,01
Ontario		69,231	11,512,649	9,880,55
Manitoba		11,020	2,116,044	1,386,16
Saskatchewan		17,405	1,722,780	978,00
Alberta		31,714	5,830,941	2,165,41
British Columbia		28,267	2,010,677	1,829,21
Canada		167,967	24,040,523	17,179,81
ndustrial:				
New Brunswick		-	-	
Quebec		2,010	1,951,776	991,53
Ontario		8,695	17,215,066	11,167,34
Manitoba		302	1,366,409	427,3
Saskatchewan		653	4,558,971	1,301,19
Alberta		570	10,820,044	2,020,8
British Columbia	* * * * * * * * * * * * * * * * * * * *	358	3,834,716	1,627,41
Canada		12,588	39,746,982	17,535,68
Firm		11,889	31,663,665	14,037,3
Interruptible		099	8,083,317	3,498,3
otal sales:				
New Brunswick		1,694	5,231	15,1
Quebec		218,244	5,083,480	5,075,32
Ontario		807,634	45,571,863	39,409,30
Manitoba		125,107	6,238,621	4,078,14
Saskatchewan		143,820	9,281,156	4,445,06
Alberta		309,198	23,049,397 8,801,159	7,580,45 7,130,8
Canada		1,847,979	98,030,907	67,734,34
otal exports			67,901,264	18,189,47
otal imports			526,571	0.04
			5/6 5/1	231,2

For further information write to DBS Energy and Minerals Section,Ottawa,or telephone 992-6014 (Area Code 613

\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5, No. 43

May 1970

Retail Gasoline Statistics by Metropolitan Area, 1st Quarter 1970

Retail sales of gasoline in Canada's major metropolitan areas for the first quarter of 1970 increased 8.0 per cent to 407.2 million gallons from 377.1 million gallons in the first quarter of 1969. This amount was dispensed through 7,091 outlets in 1970 of which 5,984 were refiners and 1,107 outlets were non-refiners.

According to estimated vehicle registration statistics, passenger cars per service station in the eight metropolitan areas averaged 414. The Toronto-Hamilton area had an average of 500 passenger cars per service station followed by Ottawa-Hull with 454, Vancouver 409, Winnipeg 407, Calgary 397, Edmonton 382, Regina 371 and Montreal 339.

Population per car in these metropolitan areas is estimated at 3.0. This compares favourably with the Canada figure of 3.3. The cities of Toronto-Hamilton, Calgary and Vancouver had a population per car of 2.6 followed by Ottawa-Hull, Regina, Edmonton, Winnipeg and Montreal with the last area registing a ratio of 3.6 persons per car.

During the first quarter of 1970, gasoline sold through retail pump outlets in the metropolitan areas averaged 122 gallons per vehicle. Montreal showed 135 gallons; Regina 130; Winnipeg 123; Edmonton 121; Calgary 119; Toronto-Hamilton 118; Ottawa-Hull and Vancouver 114.



Retail Gasoline Statistics by Metropolitan Area, 1st Quarter 1970

	1	1		1	1	
Total		5,984	7,091		335,268 71,945	407,213
Edmonton Calgary Vancouver		769	913		38,002 10,366	48,368
Calgary		334	369		17,278	20, 962
Edmonton		353	400		19,431	22,830
Regina		116	135		6,684	7,825
Winnipeg Regina		346	396		19,988	22,030
Toronto- Hamilton		1,857	2,165		114,208	142,983
Ottawa- Hull		346	437		18,924 5,963	24,887
Montreal Ottawa-		1,863	2,276		100,753	117,328 24,887
	Outlets	Number of refiners' outlets	Totals	<u>Gallonage</u>	Dispensed through refiners' outlets ('000) Dispensed through other outlets ('000)	Totals ('000)

Population and number of vehicles for the eight Metropolitan Areas are as follows:

Commercial vehicles(1)*		101,000	20,100	132,100	17,500	10,100	29,000	36,100	52,000	1,593,400
Passenger cars(1,2)*		000,1//	198,400	1,082,000	161,000	50,100	146,600	152,800	373,000	6,387,400
Populátion* 1st June 1969	000	7,7/8,000	537,000	2,920,000	534,000	140,000	375,000	437,000	980,000	21,061,000
	Montana (C)	montheat (2)	Ottawa-Hull(3)	Toronto-Hamilton(3)	Winnipeg	Regina	Calgary	Edmonton	Vancouver	Canada, total

1969 registrations.
 Taxis included.
 These areas are not identical with census metropolitan areas.

* Estimates.

Estimates.

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Catalogue No. 57-002 Vol. 5, No. 44

May 1970

CONTENTS

		Page
1.	Preliminary Report on Coal Production, April 1970	1
2.	Coal and Coke Statistics, March 1970, Cat. No. 45-002	3

1. Preliminary(1) Report on Coal Production April 1970

Preliminary data indicate that coal production for the month of April 1970 amounted to 1,222,778 tons, an increase of 42.3% from the April 1969 preliminary production figure of 859,422 tons. Landed imports were 2,050,369 tons compared with 1,792,064 tons for the same period last year.

⁽¹⁾ Advanced publication of data included in Monthly publication No. 45-002 Coal and Coke Statistics.



Production and Landed Imports of Coal, by Provinces

	196	9	19	70
	Production(2)	Landed imports(1)	Production(2)	Landed imports(1)
		net tons of 2	,000 pounds	
April 1970 Newfoundland	0(5,(00	-	-	
Nova Scotia New Brunswick Quebec Ontario Manitoba	265,603 57,453 - -	24,234 - 51,721 1,715,757 271	224,524 23,493	57,934 55 30,244 1,961,723 247
Saskatchewan	121,778 101,130 242,677 70,781	81 - -	253,776 199,811 323,147 198,027	166 - -
Canada totals	859,422	1,792,064	1,222,778	2,050,369
Four months ended April				
Newfoundland Nova Scotia New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta - Bituminous Sub-bituminous	1,093,989 233,447 - - 811,917 371,153 1,256,154	3,508 236,918 257 92,148 1,874,722 1,347 426	1,114,299 647,025 1,366,332	1,349 167,748 462 54,202 2,071,220 1,672 357
British Columbia and Yukon Canada totals	4,069,070	2,209,627	472,701 4,572,963 ^r	2,297,010

⁽¹⁾ Supplied by the Dominion Coal Board; do not necessarily agree with figures reported in Trade of Canada.

⁽²⁾ All figures are preliminary.

2. Coal and Coke Statistics, March 1970, Cat. No. 45-002

Coal production for the month of March 1970 amounted to 1,183,459 tons an increase of 14.9% from the March 1969 production of 1,029,882 tons, while landed imports were 117,350 tons compared with 86,871 tons for the month of March 1969. Consumption by industrial consumers amounted to 1,775,660 tons of coal and 573,779 tons of coke, an increase of 78,704 tons of coal and 18,755 tons of coke from last year.

Industrial consumers' stocks of coal and coke decreased to 3,273,002 tons from 3,595,501 tons in March 1969.

Coke production during the month of March 1970 increased to 496,568 tons from 487,313 tons in March 1969, while coke used in blast furnaces increased to 396,128 tons from 388,677 tons during the same period.

Coal and Coke Statistics
March 1970

			Coal			C	oke
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
Newfoundland	~	1,349	-	_	-	40	-
Prince Edward Island	~		-		-	-	-
Nova Scotia	217,878	50,971	213,998	55,304	7,167	50,257	-
New Brunswick	33,176	118	40,076	23,285	61,149	-	-
Quebec	-	10,466		83,596	142,160	63,338	72,953
Ontario	-	53,122	-	1,026,016	2,558,461	431,698	92,133
Manitoba	•	1,133	-	52,728	99,536	106	391
Saskatchewan	288,593	191	290,700	225,434	160,204	-	-
Alberta	536,429	-	486,753	298,972	20,201	129	249
British Columbia and Yukon	107,383	-	87,754	10,325	16,661	28,251	41,737
Total Canada 1970	1,183,459	117,350	1,119,281	1,775,660	3,065,539	573,779	207,463
Total Canada 1969	1,029,882	86,871	969,014	1,696,956	3,391,325	555,024	204,176



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Catalogue No. 57-002 Vol. 5, No. 45



June 1970

		Page
1.	Crude Petroleum and Natural Gas Production, February 1970, Catalogue No. 26-006	1
2.	Refined Petroleum Products, March 1970	5

1. Crude Petroleum and Natural Gas Production, February 1970 Catalogue No. 26-006

According to preliminary data, the production of crude petroleum and equivalent hydrocarbons during February 1970 amounted to 41,973,965 barrels (1,499,070 barrels per day), an increase of 22.9 per cent or 279,128 barrels per day from February 1969.

Preliminary figures of natural gas net new production in February 1970 indicate an increase of 11.9 per cent to 206,127,602 Mcf. from 184,181,708 Mcf in February 1969.



TABLE 1. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, February 1970.

	New Brunswick	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
Supply					barrels of 35	Canadian	gallons	•		
Crude oil	. 677	83,132	477,578	7,058,501	28,251,386 1,070,182 347,538	2,005,531	89,174	37,965,979 1,070,182 362,053		37,965,979 1,070,182 362,053
Totals	677	83,132	477,578	7,058,501	28,974,030	2,005,531	74,659	38,674,108	:	38,674,108
Condensate	1 (1 (1 1	28,367	57,102 3,116,917	9,823	1 1	66,925	0 0	66,925
Net withdrawals	677	83,132	477,578	7,086,868	32,148,049	2,103,002	74,659	41,973,965		41,973,965
Imports	•	:				:	:		16,454,387	16,454,387
Total supply	677	83,132	477,578	7,086,868	32,148,049	2,103,002	74,659	41,973,965	16,454,387	58,428,352
Disposition										
Deliveries to refineries Atlantic Provinces	1	1	ı	1	1	1	t			נרה נחר כ
Quebec	1 1	83 132	107 572	- 000	() () () () () () () () () ()	1	ŧ	1	12,696,588	12,696,588
Manitoba	1	201,00	14,809	707,020,4	6,251,030	1 1	1 1	10,581,942		10,581,942
Saskatchewan	1 (ı	t	138,257	1,722,102	f	ı	1,860,359		1,137,304
British Columbia	1 1	1 1 1	1 1 1	1 1 1	1,319,253	1,883,429	1 2 27	3,225,500 3,202,682		3,225,500
Totals	ŧ	83,132	212,382	4,834,933	12,993,911	1,883,429		20,074,644	16,449,601	36,524,305
Exports to II & A										
Petroleum Administration District IIIIIIII	1 1 1 1	1 1 1	257,913	78,352	2,223,717 9,455,262 1,425,984 e,097,0c8	307,180	f 1 1 f	2,302,069 12,230,730 1,425,984 6,404,248		2,302,069 12,230,730 1,425,984 5,404,248
Totals	•	1	257,913	2,595,907	19,202,031	307,180	ı	22,363,031	1	22,363,031
Inventories Opening - Field and plant	1.605	1	h3 256	48.7	200 001	0				
Closing - Field and plant	1.078	1 1	17,259	5,709,099	29,671,010	1,252,655	12/,136	2,382,450	359,835	2,382,450 37,009,858
		f 3	16,087	5,373,127	1,739,885	1,203,298	134,578	2,330,642	359,835	2,330,642 36,427,577
Net change	- 527	ı	5,809	- 351,972	- 239,700	- 55,141	7,442	- 034,089	,	- 634,089
Deliveries to other purchasers	1,126	ı	1	1	18,866	1,222	360	21,574	ŧ	21,574
Field and plant use	78	l 1 1	1,474	8,000	16,425	1 000	1 1	16,425	1 1 0	16,425
Total disposition	677	83,132	477,578	7.086.868	32.148.049	2 103 002	77. 650	71 070 066	-	610,46
Figures not appropriate or not applicable.	oplicable.				000000000000000000000000000000000000000	2,100,002	14,039	41,973,903	10,424,30/	28,428,327

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, February 1970

٥.		New Brunswick	Quebec	Ontario	Saskatchewan
			Mcf	•	
	A. FIELD AND PROCESSING PLANTS				
	Supply				
	Gross new production	13,576	13,643	1,411,046	6,120,40 875,24
	Net new production (1 - 2)	13,576	13,643	1,411,046	5,245,16
	ReproducedLess injected and stored	-	-	-	
	Net withdrawals	13,576	13,643	1,411,046	5,245,10
	Disposition				
	Field disposition and uses	175	-	:	311,30 40,7
a. O	Processing shrinkage Other disposition and uses Other uses	-	-	- -	141,68 179,26 84,54
	Adjustment Deliveries of marketable gas	13,401	13,643	1,411,046	4,487,58
	Total disposition	13,576	13,643	1,411,046	5,245,1
	B. GAS UTILITIES Supply Receipts of marketable gas				
1	PlantsFields	13,401	13,643	1,411,046	1,578,9 2,908,6
	Total (14a + 14b)	13,401	13,643	1,411,046	4,487,5
	Receipts from distributor storage	-	-	12,624,704 - 6,121	955,7
	Total supply of marketable gas (15 + 16 + 17 + 17a)	13,401	13,643	14,041,871	5,443,2
	Disposition				
	Sales				
	British Columbia Alberta Saskatchewan Manitoba	-	=	-	4,993,9
	Ontario Quebec New Brunswick	6,769	13,643	14,189,339	
	Total sales (19 to 25 inclusive)	6,769	13,643	14,189,339	4,993,9
	Exports Other deliveries(2) Delivered to distributor storage	-	-	-	149,7
	Pipeline line pack fluctuation Pipeline fuel Pipeline losses etc.	6,632	-	58,972 - 206,440	- 10,8 1,364,9 - 1,054,5
	Total disposition of marketable gas (26 to 32 inclusive)	13,401	13,643	14,041,871	5,443,28

⁽¹⁾ L.P.G. for gas enrichment, peak shaving or temporary supply.
(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, February 1970

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	
		Mcf.				+
			1			
177,517,747	20.7/0./15					
5,864,098	28,749,615	78,907 74,040	213,904,943 7,777,341	• • •	213,904,943 7,777,341	
171,653,649	27,785,660	4,867	206,127,602	• • •	206,127,602	-
17,669,014	556,022	-	18,225,036		18,225,036	-
153,984,635	27,229,638	4,867	187,902,566		187,902,566	_
						-
1,100,318	1,001,490	_	2,413,293			
210,869	-	-	251,648	• • •	2,413,293 251,648	
20,149,483 8,455,101	547,412 2,703,081	-	20,838,584	• • •	20,838,584	
107,124	264,622	4,867	196,531	• • •	11,337,442 196,531	
125,078,156	22,713,033	-	- 851,794 153,716,862	• • •	- 851,794 153,716,862	
153,984,635	27,229,638	4,867	187,902,566		187,902,566	-
101,567,629 23,510,527	22,250,845	-	125,397,400 28,319,462	•••	125,397,400 28,319,462	1 1 1
125,078,156	22,713,033	-	153,716,862	•••	153,716,862	
141,579	-	-	13,721,986		13,721,986	1
289,204	3,594	-	298,919	11,822	11,822 298,919	1
125,508,939	22,716,627	-	167,737,767	11,822	167,749,589	1
1,072,496	7,779,607	-	8,852,103	-	8,852,103	1
24,391,178 5,035,654	-	~	24,391,178 10,029,582	12,916	24,404,094	2
6,518,836 31,349,450	-	•	6,518,836	-	10,029,582 6,518,836	2
4,883,473	-	-	45,538,789 4,897,116	-	45,538,789	2
-	-	-	6,769	-		2
73,251,087	7,779,607	-	100,234,373	12,916	100,247,289	2
48,752,612 1,601,866	13,405,896	-	62,158,508 1,601,866	-		27
188,788		-	338,573	-		28
2,708,728 1,275,106	- 161,443 1,647,534	-	2,536,402	-	2,536,402	30
- 2,269,248	45,033	-	4,346,602 - 3,478,557	- 1,094		31 32
125,508,939	22,716,627		167,737,767	11,822		33

2. Refined Petroleum Products

Production of refined petroleum products increased 3.6% in March to 38,922,009 barrels from 37,558,749 in the same month last year, according to an advance release of data that will be contained in the March issue of the DBS report "Refined Petroleum Products."

Receipts of crude oil decreased 3.1% in March to 37,321,199 barrels from 38,461,396 a year earlier. There was 1.0% more domestic crude at 21,753,064 barrels versus 21,541,681 and, 8.0% less imported crude at 15,568,135 barrels versus 16,919,715. Domestic disappearance of finished petroleum products increased 14.7% to 48,712,449 barrels from 42,474,416 in the same month last year.

Refinery Production In Canada Of Selected Petroleum Products, March, 1970

	Motor	Aviation	Kerosene		Fuel oil		Total all	Total all	l products
	Motor gasoline	Turbo Fuel	stove oil	Diesel	Light	Heavy	products	Cumulative 1970P	Cumulative 1969
				barrels	of 35 Canad	ian gallons			
Newfoundland	(1)	(1)	(1)	-	(1)	(1)	(1)	(1)	(1)
Maritimes	1,065,274	52,861	267,801	(2)	782,643	1,210,454	3,985,255	11,826,027	11,671,742
Quebec	3,618,938	392,850	893,933	1,454,483	2,636,589	3,729,240	13,779,247	40,154,940	36,872,328
Ontario	4,086,697	337,969	429,959	562,314	2,497,129	2,064,207	11,507,376	33,416,993	32,268,876
Manitoba	503,767	71,132	61,471	183,045	156,601	112,209	1,173,372	3,658,917	4,008,915
Saskatchewan	912,429	35,637	156,676	279,325	174,657	185,262	1,912,552	5,790,010	6,224,847
Alberta	1,695,810	189,647	39,200	727,326	167,002	199,160	3,513,939	10,334,692	10,048,861
British Columbia	1,030,306	109,986	143,864	617,671	370,194	409,457	2,978,669	9,675,250	9,236,580
North West Terri- tories and Yukon	- 277	5,236	-	23,530	297	4,985	71,599	213,514	177,737
Canada totals	12,912,944	1,195,318	1,992,904	3,847,694	6,785,112	7,914,974	38,922,009	-	-
Canada cumulative	39,238,193	2,806,126	6,381,419	10,416,278	21,861,941	22,936,794	-	115,070,343	-
Canada cumulative	38,258,551	2,621,453	6,365,118	9,997,110	20,427,099	21,770,733	-	-	110,509,886

⁽¹⁾ Included with Maritimes.

⁽²⁾ Included with Quebec.

P Preliminary figures.
r Revised figures.

NET SALES In Canada Of Selected Petroleum Products, March, 1970

	Motor	Aviation	Kerosene		Fuel oil		Total all	Total all	products
	gasoline	Turbo Fuel	stove oil	Diesel	Light	Heavy	Products	Cumulative 1970P	Cumulative 1969
				Barrels	of 35 Canad	lian gallons			1
Newfoundland	167,461	39,210	147,359	267,441	470,701	283,472	1,931,691	4,047,030	3,144,617
Maritimes	728,876	71,502	373,199	302,704	1,300,079	1,665,654	4,579,039	13,242,180	11,571,748
Quebec	2,985,023	342,551	621,309	550,875	3,251,870	3,383,493	11,593,551	40,156,570	37,541,102
Ontario	4,590,397	412,425	361,735	806,879	5,062,512	2,122,757	14,367,138	44,862,125	43,343,791
Manitoba	544,015	96,971	155,674	119,751	248,731	89,118	1,404,132	4,323,276	4,228,107
Saskatchewan	623,586	27,330	125,617	206,624	194,926	35,482	1,251,559	3,671,887	3,969,637
Alberta	1,172,823	147,674	64,189	438,196	106,655	3,504	2,024,012	5,919,405	5,910,597
British Columbia	1,251,243	149,404	172,495	647,839	660,756	907,870	4,085,292	11,661,792	13,022,946
North West Terri- tories and Yukon	23,119	32,914	9,268	47,001	27,062	_	147,142	352,912	328,699
Canada Totals	12,086,543	1,319,981	2,030,845	3,387,310	11,323,292	8,491,350	41,383,556	-	-
Canada cumulative	34,904,098	3,517,203	7,549,891	9,412,862	39,972,586	24,837,753	-	128,237,177	_
Canada cumulative	32,454,085	3,233,193	7,452,115	9,292,998	38,761,072	24,415,340	-	-	123,061,244

IMPORTS Into Canada Of Selected Petroleum Products, March, 1970

	Motor	Kerosene		Fuel oil		Total all
	gasoline	stove oil	Diesel	Light	Heavy	products
			barrels of 35 Ca	nadian gallons		
Maritimes		_	207,988	359,384	753,538 542,422	1,321,397 701,542
Ontario	393	2,110	1,491	399	286,393	281,195 371,011
Canada total	393	2,110	209,479	359,783	1,582,353	2,675,145

EXPORTS* Of Selected Petroleum Products, March, 1970

	Motor	Kerosene		Fuel oil		Total all
	gasoline	stove oil	Diesel	Light	Heavy	products
			barrels of 35 C	anadian gallons		
Maritimes	_	_	_	_ 1	_ 1	_
Quebec	-	-	39,000	-	1,751	41,271
Ontario	49,968	4,007	-	132,812	-	272,39
askatchewan	-	-	-	-		-
lberta	-	-	-	-	461	46:
B.C	53,619	-	23,970	21,028	40	101,340
Canada total	103,587	4,007	62,970	153,840	2,212	415,46

^{*} Only those made by respondents to the Refined Petroleum Products survey.



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Preliminary Electric Power Stattstics April 1970
Catalogue No. 57-001

In April 1970 net generation rose 8.3% to 16,695,955 thousand Kwh. from 15,402,956 thousand Kwh. in April 1969. There were increases in net generation in all provinces. The largest increases occurred in Newfoundland and Yukon Territories where they amounted to 24.0% and 92.7% respectively. Hydro generation increased 4.3% in April over the same period last year, while thermal generation increased 23.2%.

Imports decreased 47.9% and exports decreased 18.7% compared with April 1969. Firm energy consumption increased 8.3%.

Total generation for the twelve month period ending April 30, 1970 amounted to 195,855,866 thousand Kwh. compared with 194,562,869 $^{\rm r}$ thousand Kwh. for the twelve months ending March 31, 1970.

Seasonally adjusted net generation in April 1970 amounted to 17,071 million Kwh. compared with 16,752 million Kwh. in March and 16,901 million Kwh. in February. Firm energy consumption amounted to 16,693 million Kwh. on a seasonally adjusted basis. The comparable figures for March and February were 16,461 million Kwh. and 16,588 million Kwh. respectively.

Preliminary Electric Energy Statistics

(thousand Kwh.)

		April	
	1968	1969	1970
Net generation - Hydro	11,476,523	12,097,196	12,622,886
Thermal	2,557,170	3,305,760	4,073,069
Total net generation	14,033,693	15,402,956	16,695,955
Energy imported from U.S.A	259,810	324,650	169,105
Energy exported to U.S.A.:			
Firm	68,156	75,052	73,895
Secondary	288,799	368,762	287,141
Total exported to U.S.A	356,955	443,814	361,036
Net energy used in Canada	13,936,548	15,283,792	16,504,024
Secondary energy used in Canada	148,222	141,997	94,846
Firm energy used in Canada	13,788,326	15,141,795	16,409,178

r Revised figures.

For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

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June 1970

Annual Electric Power Survey of Capability and Load: Catalogue No. 57-204

Preliminary Data

Total net generating capability in 1969 for firms which generate over 10 million kwh. per year increased 3,129,000 kw. or 9.09 per cent to 37,552,000 kw. Although the percentage increase is somewhat lower than the 1968 record of 9.73, the absolute net increase in generating capability is the largest in Canada's history. The forecast years 1969-74 indicate an anticipated growth of 16,370,000 kw. to 53,922,000 kw., a compound growth rate of 7.50 per cent as compared with the 1959-1969 growth rate of 6.39 per cent. Thermal capability is expected to grow at an annual rate of 11.93 per cent in the forecast period compared with an actual annual rate of 13.86 per cent in the previous ten year period, while hydro-electric capability is expected to increase at 5.32 per cent compared with 4.34 per cent in the previous ten years. Seventy-two per cent of the thermal capability growth will be in fossil-fuelled steam plants, twenty-six per cent in nuclear - fuelled steam plants and two per cent in gas turbine plants.

The first nuclear capability occurred in 1967. The nuclear capability does not include the 20,000 kw. plant at Rolphton, Ontario, which is an experimental plant and therefore is not considered part of the capability. However, energy generated in this plant has been fed into the system and is included in Table 14. It is expected that by 1974 the nuclear capability will reach 2,458,000 kw. or 4.56 per cent of the total Canadian generating capability.

In the previous forecast it was estimated that the net generating capability in 1969 would be 38,314,000 kw. This estimate exceeded the actual net capability by 762,000 kw.

The largest absolute growths in net generating capability for the forecast period are indicated for: Ontario 6,377,000 kw.; Newfoundland 3,680,000 kw.; Quebec 1,716,000 kw. and British Columbia 1,633,000 kw. Of the increased generating capability in Ontario, 3,927,000 kw. will be in fossilfuelled plants (steam, internal combustion and gas turbine) while nuclear-fuelled plants will account for 2,000,000 kw. of the increase. Newfoundland plans to increase its capability by adding 3,373,000 kw. hydro and 307,000 kw. in fossil-fuelled plants. The Quebec forecast is for an increase of 1,486,000 kw. in hydro capability and 250,000 kw. in nuclear-fuelled thermal capacity, while British Columbia estimates are for increases of 1,444,000 kw. and 189,000 kw. in hydro and thermal capability respectively.

In the period from 1959 to 1969 the compound growth rate of firm power peak load in Canada was 7.01 per cent. This growth rate is expected to increase slightly to 7.50 per cent during the period 1969 to 1974. During the forecast period the indicated reserve is expected to increase from 5,352,000 kw. in 1969 to 8,540,000 kw. in 1974. The indicated reserve, stated as a percentage of firm power peak load, amounted to 16.6 per cent in 1969 and it is forecast that it will be 18.8 per cent in 1974.

It should be noted that the firm power peak load is the calendar year peak. Some power systems have winter peak loads occurring in January of the following year and must provide capability to meet these peaks. For such systems the reserve is overstated by the difference between the December peak load and the peak load for January of the following year.

6503-521

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Firm energy requirements increased 7.55 per cent from 174,017 million kwh. in 1968 to 187,158 million kwh. in 1969 compared with a compound growth rate of 7.12 per cent in the previous ten year period and a forecast growth rate of 7.11 per cent for the period 1969-1974. The increase of 13,141 million kwh. was the result of an increase in net generation of 14,742 million kwh., and decreases of net imports of 1,838 million kwh. and of 237 million kwh. of secondary energy delivered within Canada.

The Annual Electric Power Survey of Capability and Load covers all producers of electric energy in Canada which generate or will generate 10 million kwh. or more per annum during the forecast period. There are approximately 150 responding firms in the group, about half of which are utilities and half industrial establishments. The combined group accounts for 99.5 per cent of all generation and all the imports and exports. The utilities group contributes approximately 80 per cent of the generation to the Canada total.

The survey is carried out in co-operation with the Canadian Electrical Association. Area representatives of the Association collect and edit the returns, which are forwarded to the Dominion Bureau of Statistics for final revision, editing and compilation. On May 26, 1970, a meeting of the Surveys Subcommittee was held to discuss the final compilation prior to the publication of the report. The assistance received from the Canadian Electrical Association and its members has been invaluable in all phases of the preparation of this report.

Complete details of the survey will be found in the publication Electric Power Statistics, Volume 1, Annual Electric Power Survey of Capability and Load, Catalogue No. 57-204 which will be published in August.

TABLE 1. Capability and Firm Power Peak Load in Canada

TABLEAU 1. Puissance maximale possible et appel maximal de puissance garantie au Canada

	Capability and peak load			Actual	Réel				Forecast		Prévisions	
Д	Puissance maximal possible et appel maximal de puissance	1959	1965	1966	1967	1968	1969	1970	1761	1972	1973	1974
				th	thousands o	of kilowatts	en	milliers d	de kilowatts	ts		
	Capability Puissance maximale possible											
	Net generating capability Puissance maximale possible de production nette:											
1.	Hydro-electric Hydraulique	17,086	20,779	21,459	22,393	24,161	26,134	27,012	28,809	30,970	32,586	33,859
2.	Conventional Classique		6,354	6,634	7,798	8,877	10,019	12,294		13,713	15,058	16,212
4.	Internal combustion Combustion interne	3,119	243	257	264	310	321 870	353	353	361	360	372
.9	Total net generating capability Total de la puissance maximale possible de production nette	20,202	27,836	28,933	31,370	34,423	37,552	40,769	43,660	47,202	50,969	53,922
	Receipts of firm power from Réceptions de puissance garantie de:											
7.	Other provinces Autres provinces	• •	* 1	100	180	110	3		: "	: "		: m
9.	Total receipts Réceptions totales	ı	1	100	180	110	3	93	3	3	3	3
	Deliveries of firm power to Livraisons de puissance garantie à:											
10.	Other provinces Autres provinces	152				105	111	305	414	357	333	292
12.	Total deliveries Livraisons totales	152	89	87	95	105	111	305	414	357	333	292
13.	Total net capability (6 + 9 - 12) Total de la puissance maximale possible nette (6 + 9 - 12)	20,053	27,747	28,946	31,455	34,428	37,444	40,557	43,249	46,848	50,639	53,633
	Peak loads Appels maximals							,				
14.	Pirm power peak load within province Appel maximal de puissance garantie dans la province	16,201	24,167	25,921	27,812	30,151	32,022	35,371	37,530	40,291	42,657	45,093
16.	Total indicated firm power peak load within province (14 + 15) Total d'appel maximal de puissance garantie dans la province (14 + 15)	16,201	24,167	25,921	27,812	30,300	32,092	35,371	37,530	40,291	42,657	45,093
17.	Firm power peak load on province (12 + 16) Appel maximal de puissance garantie de la province (12 + 16)	16,353	24,256	26,008	27,907	30,405	32,203	35,676	37,944	40,648	42,990	45,385
1	Indicated reserve Puissance en réserve											
18.	Indicated reserve (13 - 16) Puissance en réserve (13 - 16)	3,852	3,580	3,025	3,643	4,128	5,352	5,186	5,719	6,557	7,982	8,540
			-									

TABLE 2. Capability and Firm Power Peak Load in Newfoundland

TABLEAU 2. Puissance maximale possible et appel maximal de puissance garantie à Terre-Neuve

	974			4.183	330	23	4,572		1 1	1		2,770	2,770	1,802		1,082	1,082	3,852		720
sions	1973 1			3.260	330	23	3,649		1 1	1		1,848	1,848	1,801		1,045	1,045	2,893		756
Prévisions	1972			2.340	330	23	2,729		i +			923	923	1,806		066	066	1,913		816
Forecast	1971	kilowatts		096	330	23	1,349		1 8	1		12	12	1,337		078	840	852		497
*	1970	milliers de		096	180	23	1,192		1 1	1		12	12	1,180	,	772	772	784		807
	1969	s en		810	30	23 29	892		s 8	,		12	12	880		711	711	723		169
	1968	kilowatt		808	30	20 29	887		1 1			12	12	875		644	779	929		231
Réel	1961	thousands of		069	47	13	765		1 1	-		12	12	753		571	571	583		182
Actual .	1966	the		454	52	13	244		1 1	-		10	10	534		450	450	760		84
	1965			977	45	11	502		1 1	'		7 -	7	495		422	422	429		73
	1959			243		24	267		1 1	'		7	7	260		231	231	238		29
Capability and peak load	Puissance maximal possible et appel maximal de puissance		Capability Puissance maximale possible Net generating capability Puissance maximale possi-	ilio		4. Internal combustion Combustion interne 5. Gas turbine Turbine à gaz	6. Total net generating capability Total de la puissance maximale possible de production nette	Receipts of firm power from Réceptions de puissance garantie de:	7. Other provinces Autres provinces	9. Total receipts Réceptions totales	Deliveries of firm power to Livraisons de puissance garantie à:	10. Other provinces Autres provinces	12. Total deliveries Livraisons totales	13. Total net capability (6 + 9 - 12) Total de la puissance maximale possible nette (6 + 9 - 12)	Peak loads Appels maximals	14. Firm power peak load within province Appel maximal de puissance garantie dans la province	16. Total indicated firm power peak load within province (14 + 15) Total d'appel maximal de puissance garantie dans la province (14 + 15)	17. Firm power peak load on province (12 + 16) Appel maximal de puissance garantie de la province (12 + 16)	Indicated reserve Puissance en réserve	
														-			-			

TABLE 3. Capability and Firm Power Peak Load in Prince Edward Island

TABLEAU 3. Puissance maximale possible et appel maximal de puissance garantle dans l'Île-du-Prince-Édouard

Publication marked possible or epsel marked de putessone 1969 1965		Capability and peak load			Actual	Réel				Forecast		Prévisions	
State Participate Partic			1959	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974
Note percenting capability - Prisance maximale post- 25		Canabillity - Duiceance maximal constal			‡	ousands o		en	milliers d		ts		
Notice electric - Notice like Notice Notic		ating capability Pulssance maximale production nette:											
State Communication Comparison Compa	1.	Hydro-electric Hydraulique	1	1	r	ı	1	,	ı	1			
Cotationary Combustion Internet Cotationary Combustion Internet Cotationary Combustion Internet Cotationary Combustion Internet Cotationary	3.	Steam Vapeur: Conventional Classique		51	51	51	67	67	67	67	67	67	- 67
Protection of time generating capability - Total de la paragrame astinate possible de production netre generating capability - Total de puissance maximale possible de production netre generating control of the province and the production of the province and the province an	4.	• •	25	۲,	7	7	7		7	7	7		
Other provinces - Artice province - Appel maximal de puis sance garantic darse have been been been been been been been be	.9	Total net generating capability Total de la puissance maximale possible de production nette	25	58	58	58	74	74	74	88	88	88	102
Other provinces - Etate-Unis. Total receipts - Réceptions totales Bell Total de La States - Etate-Unis. Other provinces - Muria sons totales Bell Total delivertes of firm power to - Livraisons de pulsance Other provinces - Muria sons totales Total delivertes - Livraisons totales Total delivertes of totales Total delivertes of totales Total delivertes of totales Total delivertes Total deliver		Receipts of firm power from Réceptions de puissance garantie de:											3 0 4
Deliveries of firm power to - Livraisons de puissance Other provinces - Autres provinces Other provinces - Autres province Other provinces - Autres province Other provinces - Autres province Other province of the 12) - Total deliveries - Livraisons totales Total deliveries - Livraisons totales Total deliveries - Livraisons totales Frim power peak load vithin province (4-9-12) Total deliveries - Livraisons totales Frim power peak load vithin province (4-15) - Total delevite Total indicated firm power peak load within province (4-15) - Total depeix and sance garantic delevite Total indicated firm power peak load within province (4-15) - Appel maximal de poissance garantic dans la province (4-15) - Appel Stim power peak load on province (12-16) - Appel Maximal de puissance maximal de puissance en réserve Indicated reserve (13-16) - Puissance en réserve	7.	Other provinces Autres provinces	F 1	1 1	1 1	1 1	1 (1 1	1 1	1 1	1 1	1 1	e e
Deliveries of firm power to - Livraisons de puissance gaantice 3: Other provinces - Autres provinces United States - Etate-Unis Total deliveries - Etate-Unis Total deliveries - Livraisons totales Total deliveries Tota	9.	Total receipts Réceptions totales	,	1	1	3	1	,	1	,			1
Other provinces Autres provinces Total deliveries Livraisons totales Total net capability (6 + 9 - 12) Total de la publicated etates Etate-Unis Total net capability (6 + 9 - 12) Total de la publicated etates maximals Fin pover peak load within province (6 + 9 - 12) Total indicated firm power peak load within province (12 + 15) Total de puis sance garantie dans la province (12 + 16) Appel maximal de puis sance garantie dans la province (12 + 16) Appel maximal de puis sance garantie da province (12 + 16) Appel maximal de puis sance garantie da province (12 + 16) Appel maximal de puis sance garantie da province (12 + 16) Appel maximal de puis sance garantie da province (12 + 16) Appel maximal de puis sance garantie da province (12 + 16) Appel maximal de puis sance en réserve Indicated reserve Puis sance en réserve (13 - 16) Puis sance en réserve		Deliveries of firm power to Livraisons de puissance garantie à:											
Total net capability (6 + 9 - 12) Total de la puissance maximale possible nette (6 + 9 - 12) Total de la puissance maximale possible nette (6 + 9 - 12) Total de la puissance maximale possible nette (6 + 9 - 12) Total de la puissance maximale possible nette (6 + 9 - 12) Total de puissance garantie dans la province Appel maximal de puissance garantie delesfée	10.	• •	, ,	1 1	8 6	1 1		1 1		8 4	1 1	1 1	1 1
Peak loads Appels maximale possible nette (6 + 9 - 12) Total de la puissance maximale possible nette (6 + 9 - 12) Total de la province (Appels maximal sequence de la province en réserve (13 - 16) Total de puis sance en réserv	12.	Total deliveries Livraisons totales	2	'	a	1	,	1	1	'	-	-	,
Peak loads Appels maximals Peak loads Appels maximals 19 35 37 40 46 50 55 59 65 70 Firm power peak load within province carantie dans la province sarantie defestée	13.	9 - 12) Total ble nette (6 + 9	25	58	58	58	74	74	74	80	88	88	102
Firm power peak load within province Appel maximal de puissance garantie dans la province Appel maximal de puissance garantie dans la province (14 + 15) Total d'appel maximal de puissance garantie dans la province (14 + 15) Total d'appel maximal de puissance garantie dans la province (12 + 16) Appel maximal de puissance garantie de la province (12 + 16) Appel maximal de puissance en réserve (12 + 16) Puissance en réserve (13 - 16) Puissance en réserve (1		Peak loads Appels maximals							,				
Total indicated firm power peak load within province (14 + 15) Total d'appel maximal de puiss- sance garantie dans la province (12 + 16) Appel Firm power peak load on province (12 + 16) Appel maximal de puissance garantie de la province (12 + 16) Appel Indicated reserve Puissance en réserve (13 - 16) Puissance en réserve	14.	Firm power peak load within province Appel maximal de puissance garantie dans la province	19	35	37	40	949	50	55	55	65	70	77
Firm power peak load on province (12 + 16) Appel maximal de puissance garantie de la province (12 + 16) Appel (12 + 16)	16.	Total indicated firm power peak load within province (14 + 15) Total d'appel maximal de puissance garantie dans la province (14 + 15)	19	35	37	07	97	50	55	59	65	70	77
Indicated reserve Puissance en réserve Indicated reserve (13 - 16) Puissance en réserve (13 - 16)	17.	nged 0	19.	35	37	07	949	50	55	59	65	70	7.7
(13 - 16)	18.	Indicated reserve Puissance en réserve											
		(13 - 16)	9	23	21	18	28	24	19	29	23	. 18	25

TABLE 4. Capability and Firm Power Peak Load in Nova Scotia

TABLEAU 4. Puissance maximale possible et appel maximal de puissance garantie en Nouvelle-Écosse

	1974				160	853	3 50	1,066							1,066		1,015	1,015	1,015		51
Prévisions	1973				160	853	3	1,066		1 1	1			1	1,066			987.	186		79
1	1972	50			160	853	3 25	1,041		' '	1		1 1	,	1,041		935	935	935		106
Forecast	1971	kilowatts			160	753	3 25	941		1 1	1		25.	25	916		862	862	887		54
•	1970	milliers de			160	753	e -	916		1 1	1		1 1	1	916	,	850	850	850		99
	1969	en			160	099	m ,	823		1 1	ī		1 1	,	823		753	753	753		70
	1968	kilowatts			161	540	m ,	704		20	20		1 1	,	724		645	645	645		79
- Réel	1967	thousands of			151	540	m ,	769		4 1	,		1 1	L	769		709	909	709	-,	06
Actual	1966	thor	***************************************		141	482	m ,	626		1 1	1		1 1	'	626		967	967	967		130
	1965				141	482	m ,	626		1 1	1		25	25	601		457	457	482		144
	1959				126	<u> </u>	367 (493		1 1	'		e _	3	067		330	330	333		160
Capability and peak load	Puissance maximal possible et appel maximal de puissance		Capability Puissance maximale possible	Net generating capability Puissance maximale possible de production nette:	Hydro-electric Hydraulique	Steam Vapeur: Conventional Classique	Internal combustion Combustion interne	Total net generating capability Total de la puissance maximale possible de production nette	Receipts of firm power from Réceptions de puissance garantie de:	Other provinces Autres provinces	Total receipts Réceptions totales	Deliveries of firm power to Livraisons de puissance garantie à:	Other provinces Autres provinces	Total deliveries Livraisons totales	Total net capability $(6 + 9 - 12)$ Total de la puissance maximale possible nette $(6 + 9 - 12)$	Peak loads Appels maximals	Firm power peak load within province Appel maximal de puissance garantie dans la province	Total indicated firm power peak load within province (14 + 15) Total d'appel maximal de puissance garantie dans la province (14 + 15)	Firm power peak load on province (12 + 16) Appel maximal de puissance garantie de la province (12 + 16)	Indicated reserve Puissance en réserve	Indicated reserve (13 - 16) Puissance en réserve (13 - 16)
	Pu				1.	2.	4.0.	9		7.	9.		10.	12.	13.	141	14.	16.	17.		18.

TABLE 5. Capability and Firm Power Peak Load in New Brunswick

TABLEAU 5. Puissance maximale possible et appel maximal de puissance garantie au Nouveau-Brunswick

	Capability and peak load			Actual	Réel				Forecast	1	Prévisions	
Ď,	Puissance maximal possible et appel maximal de puissance	1959	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974
	Capability Pursance maximale needble			th	thousands of	f kilowatts	en	milliers de	e kilowatts	ts		
	Net generating capability Puissance maximale possi- ble de production nette:											
1:	Hydro-electric Hydraulique	185	260	251	253	564	570	570	570	089	089	089
3.	Commentational - Classique		310	421	533	533	636	636	636	636	636	636
. 5.	Internal combustion Combustion interne	188	7 .	7	7 -	7 -	4 -	4 ,	4 -	4 -	7	7 .
.9	Total net generating capability Total de la puissance maximale possible de production nette	373	577	629	793	1,104	1,210	1,210	1,210	1,320	1,320	1,320
	Receipts of firm power from Réceptions de puissance garantie de:											
7.	Other provinces Autres provinces	7	33	∞ ,	ω ,	∞ ,	∞ ,	∞ ,	131	151	185	208
9.	Total receipts Réceptions totales	7	33	∞	8	80	00	00	131	151	185	208
	Deliveries of firm power to Livraisons de puissance garantie à:											
10.	Other provinces Autres provinces	- 6	37	38	45	90	- 58	262	361	320	298	258
12,	Total deliveries Livraisons totales	6	37	38	45	145	58	262	361	320	298	258
13.	Total net capability (6 + 9 - 12) Total de la puissance maximale possible nette (6 + 9 - 12)	371	573	649	756	1967	1,160	956	086	1,151	1,207	1,270
	Peak loads Appels maximals											
14.	Firm power peak load within province Appel maximal de puissance garantie dans la province	291	528	544	551	579	809	685	791	913	961	1,018
16.	Total indicated firm power peak load within province (14 + 15) Total d'appel maximal de puissance garantie dans la province (14 + 15)	291	528	544	551	579	809	685	791	913	1961	1,018
17.	Firm power peak load on province (12 + 16) Appel maximal de puissance garantie de la province (12 + 16)	300	565	582	965	724	999	1776	1,152	1,233	1,259	1,279
80	ed reser											
		80	45	105	205	388	552	271	189	238	246	252

TABLE 6. Capability and Firm Power Peak Load in Quebec

TABLEAU 6. Puissance maximale possible et appel maximal de puissance garantie au Québec

	Capability and peak load			Actual -	- Réel				Forecast	;	Prévisions	
Di	Puissance maximal possible et appel maximal de puissance	1959	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974
				tho	thousands of	kilowatts	en	milliers de	kilowatts	s		
	Capability Puissance maximale possible											
	Net generating capability Puissance maximale possible de production nette:											
l.	Hydro-electric Hydraulique	7,612	9,768	10,141	10,374	10,316	11,656	12,103	12,904	13,013	13,053	13,142
3.	Steam Vapeur: Conventional Classique		361	374	528	969	670	670	699		681 250	681 250
4.	Internal combustion Combustion interne	69	13 36	15 36	19 36	23	23	24	25	26	27	28
.9	Total net generating capability Total de la puissance maximale possible de production nette	7,681	10,178	10,566	10,957	11,071	12,385	12,833	13,598	13,707	14,011	14,101
	Receipts of firm power from Réceptions de puissance garantie de:											
7 . 8	Other provinces -, Autres provinces	6 1	7 -	10	12	82	15	12 3	12 3	923	1,848	2,770
.6	Total receipts Réceptions totales	6	7	10	12	82	18	15	15	926	1,851	2,773
	Deliveries of firm power to Livraisons de puissance garantie à:											
10.	Other provinces Autres provinces	696	635	633	633	590	590	257	350	395	429	452
12.	Total deliveries Livraisons totales	753	641	635	635	592	593	260	353	398	432	455
13.	Total net capability $(6 + 9 - 12)$ Total de la puissance maximale possible nette $(6 + 9 - 12)$	6,937	9,544	9,941	10,334	10,561	11,810	12,588	13,260	14,235	15,430	16,419
	Peak loads Appels maximals							,				
14.	Firm power peak load within province Appel maximal de puissance garantie dans la province	2,466	8,228	8,761	9,142	08866	10,288	11,173	11,659	12,224	12,805	13,377
16.	Total indicated firm power peak load within province (14 + 15) Total d'appel maximal de puissance garantie dans la province (14 + 15)	5,466	8,228	8,761	9,142	088.6	10,288	11,173	11,659	12,224	12,805	13,377
17.	Firm power peak load on province (12 + 16) Appel maximal de puissance garantie de la province (12 + 16)	6,219	8,869	9,396	777,6	10,472	10,881	11,433	12,012	12,622	13,237	13,832
	Indicated reserve Puissance en réserve											
18.	Indicated reserve (13 - 16) Puissance en réserve (13 - 16)	1,471	1,316	1,180	1,192	681	1,522	1,415	1,601	2,011	2,625	3,042
1												

TABLE 7. Capability and Firm Power Peak Load in Ontario

TABLEAU 7. Puissance maximale possible et appel maximal de puissance garantie en Ontario

	Capability and peak load			Actual	Réel				Forecast	1	Prévisions	
Ъ	Puissance maximal possible et appel maximal de puissance	1959	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974
	Capability Puissance maximale possible			th th	thousands	of kilowatts	en	milliers de	e kilowatts	ts		
	Net generating capability Puissance maximale possi- ble de production nette:											
1.	Hydro-electric HydrauliqueSteam Vapeur:	5,467	5,548	5,687	5,772	6,085	6,329	6,544	6,779	6,624	6,779	6,779
3.	Conventional Classique	808	2,885	2,947	3,280	4,044	4,690	6,028	6,345	6,958	7,990	8,569
4.	Internal combustion Combustion interne Gas turbine Turbine à gaz		7)	7 149	288	352	350	350	372	388	30.5	111305
.9	Total net generating capability Total de la puissance maximale possible de production nette	6,275	8,514	8,790	9,515	10,687	11,585	13,138	14,212	15,187	16.881	17.962
	Receipts of firm power from Réceptions de puissance garantie de:											
7.	Other provinces Autres provinces	692	627	625	625	582	582	249	244	294	344	777
9.	Total receipts Réceptions totales	692	627	625	625	582	582	249	244	294	344	7777
	Deliveries of firm power to Livraisons de puissance garantie à:											
10.	Other provinces Autres provinces	86	949	- 47	1 4	- 4	67	39	1 4	32	30	29
12.	Total deliveries Livraisons totales	88	97	747	87	87	52	39	87	32	30	29
13.	Total net capability (6 + 9 - 12) Total de la puissance maximale possible nette (6 + 9 - 12)	6,879	9,095	9,368	10,092	11,221	12,115	13,348	14,408			18,377
щ	Peak loads Appels maximals								-			
14.	Firm power peak load within province Appel maximal de puissance garantie dans la province	6,154	8,596	9,157	9,930	10,648	11,380	12,326	13,168	14,194	15,212	16,228
16.	Total indicated firm power peak load within province (14 + 15) Total d'appel maximal de puissance garantie dans la province (14 + 15)	6,154	8,596	9,157	9,930	10,797	11,450	12,326	13,168	14,194	15,212	16.228
17.	Firm power peak load on province (12 + 16) Appel maximal de puissance garantie de la province (12 + 16)	6,242	8,642	9,204	9,978	10,845	11,502	12,365	13,216	14,226	+	16,257
-1	Indicated reserve Puissance en réserve											
18.	Indicated reserve (13 - 16) Puissance en réserve (13 - 16)	125	667	211	162	424	999	1,022	1,240	1,255	1,983	2,1.9

TABLE 8. Capability and Firm Power Peak Load in Manitoba

TABLEAU 8. Puíssance maximale possible et appel maximal de puíssance garantie au Manitoba

Prisone marked possible or spel marked by purished by purishing a publicative a spel marked by purishing the publication of the publication of the production marked by purishing appellity Publication marked by purishing a production marked by publication of the production of publication of the production of publication of the production of publication of the production of the production of the production of publication of publicati		Capability and peak load			Actual	Réel				Forecast	1	Prévisions	
Second probability Second	18	sance maximal possible et appel maximal de puíssance	1959	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974
Second S					the			en			ts		
tque maximala possit. 1,04 1,061 1,061 1,101 1,205 1,213 1,623 1,710 1,940	ар	ability Puissance maximale possible											
Second 1,061 1,061 1,061 1,061 1,171 1,205 1,213 1,625 1,730 1,940 1,9	ž	et generating capability Puissance maximale possi- ble de production nette:											
18 18 18 18 18 18 18 18		Hydro-electric Hydraulique	266	1,061	1,061	1,061	1,171	1,205	1,215	1,625	1,730	1,940	1,940
Combustion interne 108 9 11 12 20 23		vapeur: entional Classiqueear Nucléaire		(291	291	291	291	291	389	389	389	389	389
Province - Appel maximal de puissance 734 1,361 1,363 1,373 1,506 1,543 1,651 2,061 2,166 2,376 2,976			108	6 -	11	12 9	20 24	23	23 24	23	23	23	23
Réceptions de puissance Réceptions de puissance Livraisons de puissance		Total net generating capability Total de la puissance maximale possible de production nette	734	1,361	1,363	1,373	1,506	1,543	1,651	2,061	2,166	2,376	2,376
10 10 10 10 10 10 10 10	Re	ceipts of firm power from Réceptions de puissance garantie de:											
Figure 1 totales		Other provinces Autres provinces	72	83	7 84	87	888	140	191	91	91	91	91
provinces		•	72	83	84	87	88	140	281	91	91	91	91
provinces	De	liveries of firm power to Livraisons de puissance garantie à:											
raisons totales		: :	0 2	H ,	1 -	41	-	2	- 2	2	52	102	202
possible netre (6 + 9 - 12) Total de la 806 1,443 1,446 1,419 1,593 1,681 1,930 2,150 2,205 2,365 possible netre (6 + 9 - 12)		Total deliveries Livraisons totales	1	1	1	41	1	2	2	2	52	102	202
province Appel maximal selection in the standard within province (12 + 15) Appel maximal depuis 690 1,022 1,083 1,160 1,265 1,401 1,588 1,667 1,760 1,849 aprovince (14 + 15) Appel maximal depuis 690 1,022 1,084 1,201 1,266 1,403 1,590 1,669 1,812 1,951 aprovince (12 + 16) Appel maximal depuis 690 1,023 1,084 1,201 1,266 1,403 1,590 1,669 1,812 1,951 aprovince (12 + 16) Appel maximal depuis Puissance en réserve Puissance Pui			806	1,443	1,446	1,419	1,593	1,681	1,930	2,150	2,205	2,365	2,265
Appel maximal 690 1,022 1,083 1,160 1,265 1,401 1,588 1,667 1,760 1,849 in delestée 690 1,022 1,083 1,160 1,265 1,401 1,588 1,667 1,760 1,849 1,4 + 15) 690 1,022 1,084 1,201 1,266 1,403 1,590 1,669 1,812 1,951 1,951 1,951 1,951 1,689 1,689 1,689 1,812 1,951 1,951 1,689 1,812 1,951 1,951 1,951 1,689 1,812 1,951 1,	eak	loads Appels maximals							,			_	
d within promaximal de puis- 14 + 15) 690 1,022 1,083 1,160 1,265 1,401 1,588 1,667 1,760 1,849 2 + 16) Appel 1a province 690 1,023 1,084 1,201 1,266 1,403 1,590 1,669 1,812 1,951 e en réserve 116 421 363 259 328 280 342 483 445 516	Fit	maximal 	069	1,022	1,083	1,160	1,265	1,401	1,588	1,667	1,760	1,849	1,948
2 + 16) Appel la province 690 1,023 1,084 1,201 1,266 1,403 1,590 1,669 1,812 1,951 e en réserve 116 421 363 259 328 280 342 483 445 516		Total indicated firm power peak load within province (14 + 15) Total d'appel maximal de puissance garantie dans la province (14 + 15)	069	1,022	1,083	1,160	1,265	1,401	1,588	1,667	1,760	1,849	1,948
e en réserve 116 421 363 259 328 280 342 443 445 516		red a	069	1,023	1,084	1,201	1,266	1,403	1,590	1,669	1,812	1,951	2,130
serve 116 421 363 259 328 280 342 483 445 516	ndi	ated reserve Puissance en réserve			Alara e e e e e e e e e e e e e e e e e e								
	Inc		116	421	363	259	328	280	342	483	445	516	317

TABLEAU 9. Puissance maximale possible et appel maximal de puissance garantie en Saskatchewan

	Capability and peak load			Actual	RÆel				Forecast	1	Prévisions	
Di	Puissance maximal possible et appel maximal de puissance	1959	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974
	Capability Puissance maximale possible			=	thousands	of kilowatts	en	milliers d	de kilowatts	ts		
	Net generating capability Puissance maximale possi- ble de production nette:						on the state of th					
1:	Hydro-electric Hydraulique	88	309	392	392	574	581	582	88	582	582	582
3.	Conventional Classique Nuclear Nucléaire		(535	531	531	501	642	782	878	878	1,018	1,158
4.	Internal combustion Combustion interne) Gas turbine a gaz	583	35	33	33	33	34	32	32	32	32	32
9	Total net generating capability Total de la puissance maximale possible de production nette	671	920	966	1,011	1,196	1,345	1,484	1,580	1,580	1,720	1,860
	Receipts of firm power from Réceptions de puissance garantie de:											
8.	Other provinces Autres provinces	F (red (41	Π,	- 2	- 2	2	2	2	2
.6	Total receipts Réceptions totales	1	1	-	41	1	2	2	0	0	, ,	
	Deliveries of firm power to Livraisons de puissance garantie à:									1	7	7
10.	Other provinces Autres provinces	72	83	78	87	88	140	191	16	91	91	16
12,	Total deliveries Livraisons totales	72	83	84	87	88	140	191	91	91	91	. 16
13.	Total net capability (6 + 9 - 12) Total de la puissance maximale possible nette (6 + 9 - 12)	009	838	913	965	1,109	1,207	1,295	1,491	1,491	1,631	1,771
141	Peak loads Appels maximals											
15.	Firm power peak load within province Appel maximal de puissance garantie dans la province	377	653	200	783	922	908	1,168	1,275.	1,409	1,534	1,649
16.	Total indicated firm power peak load within province (14 + 15) Total d'appel maximal de puíssance garantie dans la province (14 + 15)	377	653	709	783	922	908	1,168	1,275	1,409	1.534	679
17.	Firm power peak load on province (12 + 16) Appel maximal de puissance garantie de la province (12 + 16)	674	736	793	870	1,010	1,045	1,359	1.366	1,500	1.625	
H	Indicated reserve Puissance en réserve											
100	Indicated reserve (13 - 16) Puissance en réserve (13 - 16)	223	185	204	182	187	302	127	216	· · · · ·		::

TABLE 10. Capability and Firm Power Peak Load in Alberta

TABLEAU 10. Puissance maximale possible et appel maximal de puissance garantie en Alberta

		1		6	13	5				, 1		ا. ۳	9	88		34	75	37	554
	1974			789	2,353	14	3,341							3,338		2,784	2,784	2,787	50
Prévisions	1973			789	2,068	14	3,056			ı		2	2	3,054		2,547	2,547	2,549	507
- }	1972	07		789	1,908	185	2,904		1 1	•		6 6		2,904		2,384	2,384	2,384	520
Forecast	1971	kilowatts		681	1,763	24	2,653		1 1	,		70	70	2,583		2,112	2,112	2,182	471
•	1970	milliers de		681	1,763	29	2,658		1 1	,	angles and dissiplication in the	57	57	2,601	,	1,943	1,943	2,000	658
	1969	- en		189	1,307	33	2,176		1 1	3		20	20	2,156		1,686	1,686	1,706	470
	1968	kilowatts		189	1,155	36	2,027		1 1	1		13	13	2,014		1,516	1,516	1,529	867
Réel	1967	thousands of		680	1,156	24 155	2,015		1 1	1		15	15	2,000		1,340	1,340	1,355	099
Actual -	1966	tho		067	820	26	1,491		1 1	'		19	19	1,472		1,219	1,219	1,238	253
	1965			065	750	24	1,395		k 1	'		19	19	1,376		1,121	1,121	1,140	255
	1959			238		530	768		m ,	9		and I	1	770		649	649	059	121
Capability and peak load	Puissance maximal possible et appel maximal de puissance	Capability Puissance maximale possible	Net generating capability Puissance maximale possible de production nette:	Hydro-electric Hydraulique	Steam Vapeur: Conventional Classique	Internal combustion Combustion interne) Gas turbine Turbine à gaz)	Total net generating capability Total de la pulssance maximale possible de production nette	Receipts of firm power from Réceptions de puissance garantie de:	Other provinces Autres provinces	Total receipts Réceptions totales	Deliveries of firm power to Livraisons de puissance garantie à:	Other provinces Autres provinces	Total deliveries Livraisons totales	Total net capability $(6 + 9 - 12)$ Total de la puissance maximale possible nette $(6 + 9 - 12)$	Peak loads Appels maximals	Firm power peak load within province Appel maximal de puissance garantie dans la province	Total indicated firm power peak load within province (14 + 15) Total d'appel maximal de puissance garantie dans la province (14 + 15)	Firm power peak load on province (12 + 16) Appel maximal de puissance garantie de la province (12 + 16)	Indicated reserve Puissance en réserve Indicated reserve (13 - 16) Puissance en réserve (13 - 16)
	Pu	Ö		1.	3.	4.	• 9		7.8	9.		10.	12.	13.	Pe	14.	16.	17.	18.

TABLE 11. Capability and Firm Power Peak Load in British Columbia

TABLEAU 11. Puissance maximale possible et appel maximal de puissance garantie en Colombie-Britannique

	Capability and peak load			Actual	Réel				Forecast	1	Prévisions	
ы	Puissance maximal possible et appel maximal de puissance	1959	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974
	Carability - Duiceance maximal according			th	thousands o	of kilowatts	en	milliers de	e kilowatts	rs.		
	Net generating capability Puissance maximale possi- ble de production nette:											
1.	Hydro-electric HydrauliqueSteam Vapour	2,524	2,692	2,779	2,968	3,748	4,080	4,135	7,486	7,990	5,263	5,524
2.	Conventional Classique Nuclear Nucléaire		(643	999	840	1,019	1,025	1,025	1,025	1,025	1,025	1,175
5.	Internal combustion Combustion interne Gas turbine Turbine à gaz	353	(115	121	124	127	128	137	140	142	142	- 142 213
9	Total net generating capability Total de la puissance maximale possible de production nette	2,877	3,627	3,741	4,121	5,083	5,421	5,485	5,839	6,345	6,643	7,054
	Receipts of firm power from Réceptions de puissance garantie de:											
7.	Other provinces Autres provinces	6 8	19	100	15	13	20	57	70	1 1	1 1	1 1
.6	Total receipts Réceptions totales	1	19	119	195	123	20	57	70	1	ı	
	Deliveries of firm power to Livraisons de puissance garantie à;											
10.	Other provinces Autres provinces	. 3	1 8	1 1	1 1	1 1	-	1	- 2	, 2	- 2	. 2
12.	Total deliveries Livraisons totales	3	à	•	1	1	н	П	2	2	2	2
13.	Total net capability (6 + 9 - 12) Total de la puissance maximale possible nette (6 + 9 - 12)	2,874	3,646	3,860	4,316	5,206	5,440	5,541	5,907	6,343	6,641	7,052
	Peak loads Appels maximals											
14.	Firm power peak load within province Appel maximal de puissance garantie dans la province	1,963	3,058	3,421	3,647	3,951	4,170	4,726	5,003	5,316	5,539	5,799
16.	Total indicated firm power peak load within province (14 + 15) Total d'appel maximal de puissance garantie dans la province (14 + 15)	1,963	3,058	3,421	3,647	3,951	4,170	4,726	5,003	5,316	5,539	5,799
17.	Firm power peak load on province (12 + 16) Appel maximal de puissance garantie de la province (12 + 16)	1,966	3,058	3,421	3,647	3,951	4,171	4,727	5,005	5,318	5,541	5,801
	Indicated reserve Puissance en réserve						Manage Administration of the Control					
100	Indicated reserve (13 - 16) Puissance en réserve (13 - 16)	911	588	439	699	1,255	1,270	815	406	1,027	1,102	1,253
				-		-			-			

TABLE 12. Capability and Firm Power Peak Load in Yukon

TABLEAU 12. Puissance maximale possible et appel maximal de puissance garantie au Yukon

TABLE 13. Capability and Firm Power Peak Load in Northwest Territories

TABLEAU 13. Puissance maximale possible et appel maximal de puissance garantie dans les Territoires du Nord-Ouest

	Capability and peak load			Actual	Réel				Forecast	1	Prévisions	
	Puissance maximal possible et appel maximal de puissance	1959	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974
				tl tl	thousands of	E kilowatts	en	milliers de	e kilowatts	ts		
	Capability Puissance maximale possible									_	_	
	Net generating capability Puissance maximale possible de production nette:											
1:	Hydro-electric HydrauliqueSteam Vaneur	10	35	35	35	35	35	35	35	35	53	53
3.	Conv		1 - 0	- 1	F-1	gred B	. 1	- 1	1		۲.	- 1
4.	Internal combustion Combustion interne	4	6 11	10	10	13	F +	31	31	31	37	42 2 2 2
9	Total net generating capability Total de la puissance maximale possible de production nette	14	97	47	47	51	67	69	69	69	93	98
	Receipts of firm power from Réceptions de puissance garantie de:											
7.	Other provinces Autres provinces	1 1	1 1	l I	1 1	4 1	1 1	1 1	1 1	1 1	- 2	۳ ,
6	Total receipts Réceptions totales	1	,	1		1	1	4	1		2	6
	Deliveries of firm power to Livraisons de puissance garantie à:											
10.	Other provinces Autres provinces	1 1	1 1	1 1	ŧ 1	1 1	1 1	1 1	- ·	1 8	1 1	1 1
12.	Total deliveries Livraisons totales	1	5	1	1	1	4	5	1	1	1	,
13.	Total net capability $(6 + 9 - 12)$ Total de la puissance maximale possible nette $(6 + 9 - 12)$	14	97	47	47	51	67	69	69	69	95	101
	Peak loads Appels maximals								-			
14.	Firm power peak load within province Appel maximal de puissance garantie dans la province	13	31	27	30	38	38	977	51	55	65	59 1
16.	Total indicated firm power peak load within province (14 + 15) Total d'appel maximal de puissance garantie dans la province (14 + 15)	13	31	27	30	38	38	97	51	55	59	65
17.	Firm power peak load on province (12 + 16) Appel maximal de puissance garantie de la province (12 + 16)	13	31	27	30	38	38	97	51	5.5	60	65
	Indicated reserve Puissance en réserve											
18.	Indicated reserve (13 - 16) Puissance en réserve (13 - 16)	7	15	20	17	13	11	23	100	14	36	36
									_			

TABLE 14. Energy Requirements in Canada TABLEAU 14. Besoins d'énergie au Canada

				Actual	Réel				Forecast	- !	Prévisions	
	1	1959	1965	1966	1967	1968	1969	1970	1761	1972	1973	1974
				millions	of	kilowatt-hours	rs milli	ons de	kilowatt-heures	eures		
	Net generation by Production nette:											
1.	Hydro-electric Hydraulique	96,517	116,692	129,444	132,192	134,712	147,922	:	:	:	:	:
3.	Steam Vapeur: Conventional Classique	0	(25,485	26,521	31,143	38,446	40,367	• • •	• • •	• •	::	o 6 o o
4.5	Internal combustion Combustion interne	,339	504	632	671 615	650	613	5 6 9 6 5 6		• •	6 0 6 0 7 0	6 0 0 1 0 0
. 9	Total net generation Total de la production nette	103,856	143,114	157,134	164,764	175,351	190,093					:
	Receipts of energy from Réceptions d'énergie de:											
7.	Other provinces Autres provinces	:	:	•	•	:	:	:	:	:	:	:
00	United States États-Unis: (a) Firm Énergie garantie	• •	3,573	133	1,363	1,417 2,713	3,329	62	121	2 ::	2	67 :
9.	Total receipts of energy Réceptions totales d'énergie	515	3,577	3,055	4,142	4,130	3,331	:	:	:	:	:
	Deliveries of energy to Livraisons d'énergie à:											
10.	(a) Firm Energie garantie; Other provinces Autres provinces	1,253	633	613	634	740	836	820	1,800	1,549	1,534	1,422
12.	(b) Secondary Énergie non-garantie; Other provinces Autres provinces	3,331	2,937	3,697	3,234	2,915	3,858	: ;	• 0	: :	: :	: :
14.	Total deliveries of energy Livraisons to-tales d'énergie	4,584	3,570	4,310	3,868	3,655	769,4	÷	:	:	•	:
15.	Total energy available (6 + 9 - 14) Total de l'énergie disponible (6 + 9 - 14)	99,787	143,121	155,879	165,038	175,826	188,730	:	:	:	:	:
16.	Secondary energy delivered within province Energie non-garantie livrée dans la province	5,684	4,072	4,226	2,409	1,809	1,572	*	6 6	0 0	0	0 6
17.	Firm energy available within province (15 - 16) Éner- gie garantie disponible dans la province (15 - 16)	94,103	139,049	151,653	162,629	174,017	187,158	206,079	219,594	234,801	249,451	263,865
18.	18. Firm energy requirement on province (10 + 11 + 17) Quantité totale d'énergie garantie requise de la province (10 + 11 + 17)	95,356	139,682	152,266	163,263	174,757	187,994	206,899	221,394	236,350	250,985	265,287

TABLE 15. Firm Energy Requirement within Provinces TABLEAU 15. Besoins d'énergie garantie, par province

	-													
Province	1959	1965	1966	1967	1968	1969		Forecast	1	Prévisions		Perce (c Pou	Percentage change (compounded) Pourcentage de Variation(composé)	ange d) de de
							1970	1971	1972	1973	1974	1959	1965	1969
		_		mij.	millions of	kilowatt-hours	hours	millions	de kilowa	kilowatt-heures				
Newfoundland (including Labrador) Terre-Neuve (et Labrador)	1,215	2,640	2,790	3,009	3,566	3,872	4,972	5,454	5,811	6,584	6,735	12.29	10.05	11.71
Prince Edward Island Île-du-Prince- Édouard	71	136	140	161	175	191	210	229	251	276	311-	10.40	8.86	10.24
Nova Scotia Nouvelle-Écosse	1,626	2,466	2,648	2,830	3,122	3,354	4,137	4,435	4,716	4,926	5,128	7.51	7.99	8,86
New Brunswick Nouveau-Brunswick	1,537	2,742	3,042	3,294	3,572	3,796	4,365	5,066	5,899	6,061	6,396	9.46	8.47	11.00
Québec	34,035	49,227	53,365	56,850	59,240	63,432	68,351	72,014	75,425	79,676	83,507	6.42	6.54	5,65
Ontario	34,904	48,509	53,095	56,798	906,09	924,49	71,086	75,693	81,657	87,615	93,881	6.33	7.37	7.80
Manitoba	3,889	5,988	6,215	6,563	7,166	7,933	8,760	9,320	9,738	10,181	10,650	7.39	7.28	6.07
Saskatchewan	1,497	3,205	3,596	3,937	4,373	4,877	5,504	5,992	6,452	6,952	7,392	12.54	11.07	8.67
Alberta	3,097	5,499	6,068	6,713	7,663	8,752	10,104	11,120	12,625	13,568	14,825	10.95	12.32	11.12
British Columbia Colombie- Britannique	12,091	18,444	20,455	22,228	23,958	26,101	28,127	29,774	31,692	33,053	34,447	8.00	9.07	5.71
Yukon	76	82	83	833	92	141	187	194	201	208	215	11.85	14.51	8.80
Northwest Territories Territoires du Nord-Ouest	95	111	156	163	185	233	276	303	334	351	378	9.39	20.37	10.16
Canada	94,103	139,049	151,653	162,629	174,017	187,158	206,079	219,594	234,801	249,451	263,865	7.12	7.71	7.11



For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

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Fuel and Electricity Purchased and Consumed by the Manufacturing Industries by Major Group, by Region, 1967

This is the fourth in a series of releases relating to energy consumed by the Manufacturing Industries. Data covering the years 1964, 1965 and 1966 were previously published in Service Bulletin Form, Catalogue No. 57-002 Vol. 5 Nos. 19, 28 and 41 respectively. It is intended that data covering 1968 and succeeding years will be published as they become available.

The following tables show the amount of fuel and electricity, in terms of both quantity and value, purchased and consumed by the 20 major groupings of respondents to the Census of Manufacturers. In that this survey covers only fuel and electricity purchased and consumed, the data do not represent total energy consumption by the manufacturing industries. For example, any establishment with its own electricity generating facilities does not have incorporated in the tables any energy generated for its own consumption.

The data are presented by 5 geographical areas: Atlantic; Quebec; Ontario; Prairies; British Columbia, Yukon and the Northwest Territories. Problems of confidentiality of data determined the choice of these levels of aggregation. It should be noted that individual figures may not sum to the totals because of rounding.

In 1967 (Comparative 1964 figures in brackets) Ontario accounted for 46.4% (46.2%) or some \$352 million (\$284) of the total expenditure of \$760 million (\$615), followed by Quebec at 29.3% (30.1%) or \$223 million (\$185). Expenditures on solid fuels amounted to 10.2% (12.9%) of the total, on petroleum derivatives (including LPG) 28.5% (26.9%), on natural gas 12.4% (11.3%), on electricity 43.9% (42.3%) and on other 5.0% (6.6%). The category "other" covers the fuel forms wood, steam, other manufactured gas, and also includes expenditures on all fuel types by those smaller establishments which are not required to differentiate between the various fuel forms.

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1967 Anthracite (Quantity Ions, Value \$'000)

	Atlantic Pr	Provinces	Óuebec		Ontario	0	Prairie Provinces	vinces	B.C. Yukon, N.W.T.	con,	lota.	
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	ı	1	1,005	19	2,156	35	1	1	ı	ŧ	3,161	70
2. Tobacco products industries	1	ŧ	ŧ	ŧ	73	-	1	1	1	1	2,5	
3. Rubber industries	1	t	1	ŧ	ı	ŧ	1	1	1	1	ı	ı
+. Leather industries		ı	10	1	1	ı	1	ı	1		10	ę I
5. Textile industries	1	1	290	9	326	9	ŧ	ł	ı	1	616	12
c. Knitting mills	ı	1	584	13	211	7	i i	F	1	ı	1 66.	17
7. Clothing industries	1	ı	191	4	1	1	1	ı	ı	1	161	-†
8. Wood industries	1	t t	55	r-l	253	7	ł	ı	ı	1	308	10
9. Furniture and fixture industries	ı	1	403	00	394	7	1	ŧ	1	1	: 797	15
10. Paper and allied industries	1	1	ı	1	1	ı	1		1	'	1	1
ll. Printing, publishing and allied industries	I	t	127	n	17	H	ı	1	1	1	777	-1
12. Primary metal industries	1	1	161,052	2,893	076	12	t	ı	1	1	161,992	2,905
13. Metal fabricating industries	∞	1	107	2	1,113	18	(1	,	1	1,28	е т С)
14. Machinery industries	1	1	1	1	1,429	21	n	1	1	1	1,432	21
15. Transportation equipment industries	1	1	009	10	13,198	150	e	1	1	1	13,801	160
lo. Electrical products industries	1	1	1	ł	ŧ	1)	,	1		1	ı
17. Non-metallic mineral products industries	1	(0	1	176	4	ŧ	ı	1	1	176	4
18. Petroleum and coal products industries	ı	1	1	ı	24	1	•	1	1	1	Ť	, 4
19. Chemical and chemical products industries	,	1	8,790	156	151	2	1	ı	(t	8,941	
20. Miscellaneous manufacturing industries	1	1	491	7	153	m	1	t	16	!	000	* 1 • 1
Totals	00		173,675	3,122	20,637	269	9	1	16		194,342	2,35,5

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1967 Canadian Bituminous Coal (Quantity Tons, Value $\1000)

Quantity 1. Food and beverage industries 5,928	V Cost										
0 0 0		Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
•											
	28 107	7,440	133	19,379	282	929	11	175	7	33,851	537
2. Tobacco products industries	1	15	1	ı	,	ř	ı	ı	ı	15	;
3. Rubber industries	1	1	F	ı	1	ı	ı	ı	,	1	ŧ
4. Leather industries	1	1,672	27	1,104	19	+	1	1	ı	2,776	45
5. Textile industries	1	8,781	109	14	1	1	ı	1	1	8,795	109
6. Knitting mills	1	3,301	51	1	1	3	1		ı	3,301	51
7. Clothing industries 36	36 1	332	2	137	m	ı	,	Ŋ	1	510	6
8. Wood industries 606	06 12	165	6	2,141	*	518	9	223	2	3,979	62
9. Furniture and fixture industries	4	115	m	. 2,543	07	1	ı	1	ı	2,658	43
10. Paper and allied industries 375,681	81 3,201	665,800	7,151	11,320	142	t	1	79	-	1,052,865	10,495
ll. Printing, publishing and allied industries	3	ı	1	4,563	99	1	1	10	;	4,762	69
12. Primary metal industries 29,221	21 244	154,757	2,182	200,225	2,626	129,573	1,908	81,898	758	595,674	7,718
13. Metal fabricating industries 1,088	88 18	678	12	10,474	145	ı	1	50	1	12,298	176
14. Machinery industries	1	471	00	3,926	23	ı	1	100	2	4,497	61
15. Transportation equipment industries 7,044	76 57	330	5	78,979	877	,	1	365	00	86,718	785
16. Electrical products industries 1,820	20 32	420	9	1	1	,	1	1	ŧ	2,240	38
17. Non-metallic mineral products industries 72,447	192 25	146,386	1,371	720	7	144	2	ı	,	219,427	2,144
18. Petroleum and coal products industries	1	1	1	1	1	ı	1	1	,	,	,
19. Chemical and chemical products industries	23 3	18,373	225	51,382	537	23	!	1	,	69,901	765
20. Miscellaneous manufacturing industries	1	ı	ı	18,453	229	0,	~	12	;	18,505	230
Totals 494,183	83 4,481	1,009,362	11,297	405,090	5,056	131,227	1,928	82,910	776	2,122,772	\$ 6. 6. 6.

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1967 Imported Bituminous Coal (Quantity Tons, Value \$'000)

	Atlantic Pr	Provinces	Quebec		Ontario	0	Prairie Provinces	vinces	B: C. Yukon, N. W. T.	,uc	[ota]	
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
End and heverage industries	1	1	3,745	58	155,470	1,836	175	2	1	,	159,390	1,897
	1	,	5	1	1,678	26	ŧ	1	ı	1	1,678	26
	1	ı	ē	1	47,354	545	1	1	1	1	47,354	542
	ı	ŧ	793	12	17,591	248	ŧ	t	1	1	18,384	260
Textile industribes	ł	ı	1,866	28	35,833	445	1	1	â	8	37,699	473
Venitting mills	ı	1	431	00	7,916	101	•	1	ı	1	8,347	109
	1	ı	69		991	14	1	1	1	ŧ	1,060	in H
Wood industries	1	1	1,612	22	3,786	09	ı	1	ŧ	1	5,398	82
	1	1	2,705	77	609 69	105	1	ŧ	1	ě	9,314	149
Paper and allied industries	ı	1	30,435	419	746,540	8,381	1	ı	1	t .	776,975	8,801
11. Printing, publishing and allied industries	,	1	20	-	1,394	25	ŧ	1		1	1,414	26
12. Primary metal industries	1	1	t	1	330,868	4,084	1	1	'	1	330,868	4,084
	1	1	473	7	24,729	295	4	,	1	1	25,202	302
14. Machinery industries	ı	,	255	2	52,732	50 00 00	f	1	1	\$	52,987	593
15. Transportation equipment industries	ı	4	1	1	318,477	3,480	1	1		ę	318,477	3,480
16. Electrical products industries	,	1	5,477	72	53,771	709	1	1		1	59,248	781
17. Non-metallic mineral products industries	,	,	669 66	187	634,191	7,389	3,294	91	1	1	647,184	7,667
18. Petroleum and coal products industries	1	1	8	,	98	H	1	ı	1	1	98	
19. Chemical and chemical products industries	1	1	76,484	886	1,090,889	9,936	1	8		,	1,137,373	10,823
20. Miscellaneous manufacturing industries	1	1	2,700	45	14,445	211	1		1	1	17,145	256
Totals	· ·	1	106,764	1,795	3,545,350	38,479	3,469	93	'	1	3,655,583	40,367

- 4 -

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1967 Sub-Bituminous Coal (Quantity Tons, Value \$'000)

Industry orang	Atlantic F	ic Provinces	Onebec	Ų.	Ontario	io	Prairie Provinces	ovinces	B.C. Yukon,	ikon,	Total	1.
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
l. Food and beverage industries	t	1	ŧ	•	1	1	2,528	23	24		2,552	24
2. Tobacco products industries	'	1	,	t	1	8	1	,	ŧ		ŧ	1
3. Rubber industries	1	1	ı	,	,	1	1	1	1	,	,	,
4. Leather industries	1	1	1	,	,	f	,	,	1	1	,	,
5. Textile industries	ı	,	1	,	1	,	ı	1	,	ı		,
6. Knitting mills	1	'	1	1	,		j	,	ı	F	1	,
7. Clothing industries	1	,	1	1	,	4	•	,	ı	1	,	,
8. Wood industries	1	1	,	ı	07	П	1	ě	,	,	07	1
9. Furniture and flxture industries	1	1	1	1	1,310	21	70	Н	1	1	1,380	22
10. Paper and allied industries	ı	,	1	ı	45,415	662	1	4			45,415	862
ll. Printing, publishing and allied industries	ŧ	ŧ	1	1	1,271	27	1	1	1	,	1,271	27
12. Primary metal industries	t	1	1	4	1	ı	16	1	1	4	16	1
13. Metal fabricating industries	1	•	ē	1	1	,	00 10	1	94	===	179	2
14. Machinery industries	1	ı	+	1	ŧ	,	1	1	524	7	524	7
15. Transportation equipment industries	,	1	1	ı	1	ı	ı	•	ŀ	1	,	,
16. Electrical products industries	1	t	ı	1	1	1	ŧ	1	1	f	ŧ	1
17. Non-metallic mineral products industries	1	ı	t	1	1	1	c	;	t	ı	m	1
18. Petroleum and coal products industries	1	ı	'		1	,	559	7	ı	,	559	7
19. Chemical and chemical products industries	1	1	ı	1								
Micros Conceptions			_				'	'	1		I	,
	1	,	p	1	28	Н	2		33	1	61	
Totals		1	•	1	48,064	711	3,261	29	675	9	52,000	750

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1967 Lignite (Quantity Tons, Value \$'000)

	Atlantic P	Provinces	Quebec		Ontario	0	Prairie Provinces	inces	B.C. Yukon,	on,	Total	
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	0 0 0
1. Food and beverage industries	4	ı	ı	1	181	e	3,142	20	1	1	3,323	22
2. Tobacco products industries	1	1	ı	1	ı	1	-	ı	1	1	1	ı
3. Rubber industries	1	1	1	1	*	ŧ	1	1	ı	1	•	1
4. Leather industries	1	ı	,	ı	ı	1	1	ı	ſ	1	ı	
5. Textile industries	1	1	1	E	1	1	1	1	1	1	1	ı
6. Knitting mills	•	1	¢	1	1	1	1	ı	1	1	1	ı
7. Clothing industries	ı	1	1	1	1	ı	1	t	I	١	1	t
8. Wood industries	ı	ı	1	1	24	٦	502	2	ı	1	526	. ∨
9. Furniture and fixture industries	1	1	1	1	t	1	1	1	1	1	1	1
10. Paper and allied industries	1	1	1	1	243,540	1,135	104,222	405	t	1	347,762	1,540
 Printing, publishing and allied industries 		ı	1	ı	1	1	ı	ı	1	1	1	1
12. Primary metal industries	t	1	1	1	ŧ	t	220	2	t	1	220	C1
13. Metal fabricating industries	1		•	t	1	1	1	1	1	1	1	•
14. Machinery industries	1	,	1	1	1	1	1	1	1	1	'	1
15. Transportation equipment industries	1	1	1	1	1	4	31	ri .	1	1	31	٦
16. Electrical products industries	1	1	ı	1	1	1	536	4		'	536	\ †
17. Non-metallic mineral products industries	,	1	ì	ě	15	1 1	10,488	72	•	4	10,503	73
18. Petroleum and coal products industries	ę	,	1	1	1	ı	339	m	ı	1	339	m
19. Chemical and chemical products industries	1	ę	1	8	ſ	1	370	7	4	1	370	CI
20. Miscellaneous manufacturing industries	-	,	1	1	1	1	1	1	•	'	1	•
Totals		1	. 1	1	243,760	I,138	119,850	514	,	,	363,610	1,653
										-		

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Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1967 Coke (Quantity Tons, Value \$'000)

	Atlantic P	Provinces	Quebec	v	Ontario	oj	Prairie Provinces	ovinces	B.C. Yukon,	on,	Total	1
430,400 641,000,000	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	128	m	806	96	1,263	33	3 726	ď				
2. Tobacco products industries	1	•	i	,			,,,	Ç 1	1 1	1 1	6,025	155
3. Rubber industries	4	1		1	,	ı	1	1			1 1	1 1
4. Leather industries	1	1	ı	1	,	1	1	1	1	1	1	,
5. Textile industries	1	•	ŧ	4	ŀ	ı	1	1	,	1	1	1
6. Knitting mills	1	1	1	1	t	,		1	1	1	1	•
7. Clothing industries	1	1	ı	1	83	~	1	1	1	1	80	1
8. Wood industries	,	å	,	1	19	1	ŧ	ı	ı	1	19	1
9. Furniture and fixture industries	1	1	182	4	1	ŧ	1	ı	7	;	186	~ †
10. Paper and allied industries	•	1	ı	1	15,503	153	ı	1	1	ı	15,503	153
ll. Printing, publishing and allied industries	1	1	1	1	41	-	ı	ı	1	ı	4	;
12. Primary metal industries	109	5	1,521	53	207,264	5,190	4,045	153	59,597	1,393	272,536	6,79
13. Metal fabricating industries	31	Н	551	16	15	1	53		23	1	652	19
14. Machinery industries	t	ı	865	22	1		1	1	230	6	1,095	31
15. Transportation equipment industries	401	11	1	,	1	ì	ı	1	30	-	431	12
16. Electrical products industries	7 38	20	3	1	368	15	1	1	1	,	808	35
17. Non-metallic mineral products industries	4	1	238	2	1,656	0,1	,	ı	1	,	1,894	10.
18. Petroleum and coal products industries	ı	1	1	ε	1	1	1	1	1	ŧ	1	,
19. Chemical and chemical products industries	50	H	24	Н	28,944	208	68	m	ı	1	29,130	213
20. Miscellaneous manufacturing industries		,	1,009	19	21	;	1	1	1	1	1,030	20
Totals	1,157	41	5,324	146	255,177	5,642	7,913	251	59,863	1,403	329,434	7,484
										-		

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1967 Gasoline (Quantity '000 gal., Value \$'000)

			,									
	Atlantic P	Provinces	Quebec	0	Ontario	0	Prairie Provinces	vinces	B.C. Yukon, N.W.T.	n,	Total	
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
l. Food and beverage industries	5,063	2,069	17,724	6,597	29,064	10,636	10,309	3,561	4,401	1,557	66,561	24,420
2. Tobacco products industries	1	1	114	50	66	777	1	,	1	E	213	76
3. Rubber industries	1	ı	123	51	171	75	1	1	1	1	2.94	126
4. Leather industries	1	1	102	45	130	59	00	9	8	•	239	107
5. Textile industries	41	21	398	176	458	198	20	22	34	15	982	432
6. Knitting mills	f	t	140	09	91	43	2	-	1	1	233	104
7. Clothing industries		7	734	311	249	107	35	14	949	20	1,065	453
8. Wood industries	638	278	4,700	1,966	3,117	1,193	903	311	4,457	1,285	13,815	5,034
9. Furniture and fixture industries	10	5	839	340	624	266	130	53	89	39	1,692	702
10. Paper and allied industries	203	74	971	380	1,454	542	144	42	1,023	249	3,795	1,286
<pre>11. Printing, publishing and allied industries</pre>	107	90	809	252	1,612	619	222	89	112	52	2,661	1,061
12. Primary metal industries	138	45	801	275	1,818	543	361	119	595	152	3,713	1,134
13. Metal fabricating industries	232	105	2,317	983	4,369	1,828	575	224	007	167	7,893	3,308
14. Machinery industries	12	5	376	155	1,353	505	399	178	102	43	2,241	887
15. Transportation equipment industries	143	87	1,021	363	5,853	1,666	144	63.	205	81	7,366	2,221
16. Electrical products industries	35	17	301	117	1,355	579	15	7	06	42	1,796	761
17. Non-metallic mineral products industries	924	361	4,362	1,531	9,077	3,123	3,525	1,163	1,549	795	19,436	6,641
18. Petroleum and coal products industries	1	•	115	45	47	16	16	5	24	10	203	75
19. Chemical and chemical products industries	104	39	1,366	009	2,764	1,122	162	52	113	43	4,510	1,857
20. Miscellaneous manufacturing industries	99	31	631	276	1,984	848	248	102	229	97	3,158	1,354
Totals	7,718	3,149	37,743	14,572	65,688	24,012	17,248	6,010	13,470	4,312	141,867	52,055

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1967 Fuel Oil (Quantity '000 gal., Value \$'000)

Industry group	Atlantic F	Provinces	Quebec	O,	Ontario	io	Prairie Provinces	ovinces	B.C. Yukon, N.W.T.	ıkon, L.	Total	al
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	32,813	3,389	89,481	8,323	92,266	9,013	5,415	187	7,228	958	227,202	22,163
2. Tobacco products industries	f	1	2,625	207	2,539	232	1	•	4	1	5,165	439
3. Rubber industries	1	1	7,109	586	21,777	1,814	21	9	•	•	28,907	2,403
4. Leather industries	137	19	1,661	204	4,222	411	2	9	1		6,021	635
5. Textile industries	955	85	660,49	4,941	29,288	2,442	34	5	39	5	94,415	7,478
6. Knitting mills	1,051	81	4,018	384	2,016	219	43	7	31	7	7,160	769
7. Clothing industries	98	14	2,238	314	1,091	127	72	12	3	1	3,489	897
8. Wood industries	1,657	205	5,700	1,184	3,361	581	2,444	339	9,183	1,621	22,345	3,930
9. Furniture and fixture industries	75	12	2,907	393	2,510	326	148	15	80	12	5,721	757
10. Paper and allied industries	126,723	8,460	319,887	23,406	67,920	5,675	1,269	98	170,998	12,881	686,798	50,507
11. Printing, publishing and allied industries	299	47	3,386	364	4,785	553	43	7	201	29	8,713	1,000
12. Primary metal industries	31,031	2,525	98,194	7,727	185,656	16,938	7,585	901	3,241	407	325,706	28,498
13. Metal fabricating industries	1,647	207	12,057	1,438	15,593	2,041	512	75	843	106	30,652	3,867
14. Machinery industries	111	15	3,586	398	11,346	1,154	130	22	203	29	15,376	1,619
15. Transportation equipment industries	6,651	959	19,462	1,721	25,989	2,401	181	24	. 670	85	52,953	4,887
16. Electrical products industries	918	122	9,727	843	21,399	2,043	95	10	7/6	11	32,233	3,029
17. Non-metallic mineral products industries	6,978	726	61,292	5,642	42,460	4,290	2,218	375	15,770	1,303	128,718	12,336
18. Petroleum and coal products industries	1	1	1,314	129	1,581	164	162	23	10	7	3,062	317
19. Chemical and chemical products industries	929	105	68,218	5,164	76,935	6,559	1,028	110	2,623	254	149,732	12,192
20. Miscellaneous manufacturing industries	170	19	5,443	570	5,248	649	9	П	61	6	10,927	1,248
Totals	212,232	16,688	782,403	63,938	617,981	57,632	21,406	2,497	211,273	17,715	1,845,294	158,469

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1967 Liquefied Petroleum Cases (Quantity '000 gal., Value \$'000)

	Atlantic P	Provinces	Quebec	U	Ontario	0]	Prairie Provinces	vinces	B.C. Yukon, N.W.T.	, uon	Total	
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	321	79	3,615	638	1,369	316	147	42	241	95	5,693	1,131
2. Tobacco products industries	ı	1	111	41	113	54	1	1	į.	4	225	9.2
3. Rubber industries	1	ı	26	10	142	32	23	m	ı	1	191	95
4. Leather industries	1	í I	12	7	2	7		1	1	1	15	5
5. Textile industries	1	I I	1,386	254	777	11	1	ı	1	1	1,431	266
6. Knitting mills	1	-	2	1	2	H	2		1	ī	7	2
7. Clothing industries	m	1	07	11	3	7	ı	1	!	:	47	13
8. Wood industries	1	1	56	21	114	56	977	7	3,787	527	700,4	584
9. Furniture and fixture industries	1	1	79	19	97	10	1	1	-	- }	127	29
10. Paper and allied industries	726	70	1,233	355	581	131	80	18	834	155	3,454	729
11. Printing, publishing and allied industries	5	2	23	9	45	13	σ	2	1	1	80	23
12. Primary metal industries	259	43	5,497	709	2,373	541	136	42	239	42	8,504	1,376
13. Metal fabricating industries	150	27	891	169	972	209	21	5	52	12	2,085	422
14. Machinery industries	1	i i	167	37	322	72	109	56	18	7	617	140
15. Transportation equipment industries	91	23	1,624	169	1,249	221	17	Ś	35	00	3,017	427
16. Electrical products industries	23	∞ .	1,234	207	361	82	∞	2	1	-	1,627	298
17. Non-metallic mineral products industries	8	П	766	171	1,021	211	88	23	86	19	1,977	426
18. Petroleum and coal products industries	1	1	1	1	1	ž Į	7	Н	ı	1	7	
19. Chemical and chemical products industries	2	П	709	119	776	221	12	6	15	7	1,515	348
20. Miscellaneous manufacturing industries	13	5	121	36	120	35	2	7	8		261	78
Totals	1,599	260	17,593	2,978	9,656	2,190	206	183	5,326	828	34,881	6,439

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1967 Natural Gas (Quantity Million cu. ft., Value \$'000)

Tindictory oversity	Atlantic Provinces	rovinces	Quebec	·	Ontario	io	Prairie Provinces	ovinces	B.C., Yukon, N.W.T.	ukon,	Total	1
J5049 6455554	Quantity	Cost	Quantity	Cost	Quanti ty	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	1	ŧ	1,362	863	9,120	5,430	11,147	3,296	2,845	1.401	24.474	10.989
2. Tobacco products industries	ŧ		119	57	52	20	1	1		1	171	107
3. Rubber industries	ı	,	24	26	520	362	207	42	7	7	755	434
4. Leather industries	1	1	20	21	106	139	93	33	7	П	220	194
5. Textile industries	ı	t	158	154	1,773	1,337	823	142	41	39	2,796	1,672
6. Knitting mills	1	1	27	26	444	259	7	4	f t		478	289
7. Clothing industries	ŧ	+	97	36	204	182	163	79	19	15	432	296
8. Wood industries	ŧ	1	28	19	561	401	673	194	1,273	166	2,535	1,379
9. Furniture and fixture industries	8	1	19	99	260	528	132	16	39	36	798	705
10. Paper and allied industries	ŧ	ŧ	1,283	532	22,576	9,322	4,240	1,558	7,255	3,315	35,355	14,727
ll. Printing, publishing and allied industries	(1	102	97	416	381	323	137	36	31	876	979
12. Primary metal industries	ı	1	2,310	1,100	27,899	14,622	7,525	1,488	1,775	774	39,509	17,985
13. Metal fabricating industries	1	ŧ	892	745	7,009	5,533	897	615	456	283	9,255	6,979
14. Machinery industries	ı	ı	244	170	2,195	1,863	585	248	124	104	3,147	2,385
15. Transportation equipment industries	ı	1	208	176	5,900	4,436	624	230.	128	833	6,859	4,926
16. Electrical products industries	1	1	259	237	2,370	1,970	179	78	55	52	2,863	2,336
17. Non-metallic mineral products industries	0	ı	6,176	2,677	12,480	7,266	13,909	3,091	2,594	1,128	35,159	14,162
18. Petroleum and coal products industries	1	1	146	72	1,371	539	6,138	1,280	588	236	8,243	2,127
19. Chemical and chemical products industries	1	1	1,477	789	9,342	5,045	22,181	3,874	1,972	744	34,973	10,453
20. Miscellaneous manufacturing industries	1	1	89	83	1,607	1,232	135	56	34	29	1,864	1,403
Totals	1	1	15,037	7,944	106,506	968,09	69,981	16,312	19,238	9,041	210,763	94,194

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1967 Electricity (Quantity '000 Kwh., Value \$'000)

	Atlantic Provinces	covinces	Quebec		Ontario	0	Prairie Provinces	vinces	B.C. Yuk	Yukon, 7. T.	Total	
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	180,021	3,282	080,080	7,102	1,025,532	10,187	397,652	5,275	171,612	2,301	2,380,897	28,147
2. Tobacco products industries	1	1	52,488	855	40,638	418	1	ı	1	6	93,126	866
3. Rubber industries	1	1	114,071	1,092	356,327	2,899	16,980	119	558	50	487,937	4,116
4. Leather industries	870	19	38,447	584	55,299	675	3,340	53	783	17	98,739	1,348
5. Textile industries	25,126	294	636,823	5,733	578,427	4,023	3,928	80	5,180	82	1,249,484	10,211
6. Knitting mills	3,823	65	45,564	729	33,008	454	1,535	56	879	6	81,809	1,199
7. Clothing industries	975	20	94,523	1,616	35,634	595	12,840	252	2,810	53	146,782	2,505
8. Wood industries	35,230	655	149,300	2,534	121,316	1,638	40,601	714	734,258	8,543	1,080,706	14,083
9. Furniture and fixture industries	1,815	38	72,853	1,185	80,751	1,147	8,598	164	6,431	129	170,447	2,662
10. Paper and allied industries	2,101,708	12,267	7,977,661	36,123	3,926,443	21,049	264,770	1,714	2,743,082	15,123	17,013,663	86,276
11. Printing, publishing and allied industries	7,467	168	103,743	1,260	187,113	2,028	31,622	471	31,982	398	361,926	4,326
12. Primary metal industries	72,792	709	5,201,315	21,087	4,609,850	29,051	1,506,831	7,611	1,727,583	2,269	13,118,371	60,623
13. Metal fabricating industries	17,419	337	265,648	3,139	641,371	7,375	52,040	816	59,182	792	1,035,659	12,458
14. Machinery industries	1,065	21	86,165	911	356,701	3,449	20,069	339	24,736	306	488,735	5,027
15. Transportation equipment industries	56,795	869	300,762	2,678	1,218,585	10,204	45,258	537	36,266	457	1,657,667	14,574
16. Electrical products industries	11,962	172	326,012	2,681	744,544	6,180	27,078	345	19,616	191	1,129,212	695,6
17. Non-metallic mineral products industries	86,771	876	975,383	2,967	1,562,853	9,797	259,790	2,169	122,074	1,081	3,006,871	19,962
18. Petroleum and coal products industries	74,231	777	503,138	2,604	622,480	3,881	262,513	2,118	197,112	1,318	1,659,474	10,699
19. Chemical and chemical products industries	126,987	1,009	2,200,309	10,845	3,446,735	20,380	403,558	2,523	1,919,199	4,642	8,096,788	39,401
20. Miscellaneous manufacturing industries	6,236	120	124,759	1,597	308,017	3,378	12,820	252	12,684	234	464,516	5,580
Totals	2,811,294	21,493	19,872,045	109,861	19,951,623	138,749	3,371,822	25,578	7,816,026	37,951	53,822,810	333,631

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1967 Other (Quantity not applicable, Value \$'000)

1	Cost	5,650	38	272	156	1,019	78	303	6,118	978	5,702	1,391	837	3,251	195	1,034	537	1,410	997	7,487	989	37,872
Total	Quantity	1	1	1	1	1	1	ı	ı	ı	1	1	1	ı	1	ı	1	1	1	ı	ŧ	1
ikon,	Cost	067	1	33	7	. 15	9	9	2,711	102	2,946	164	43	428	47	56	36	239	274	206	45	7,848
B.C. Yukon,	Quantity	•		ı	4	ı	1	1	ı	ŧ	ı	•	ı	ı	1	1	1	1	1	1	•	1
ovinces	Cost	691	1	6	23	30	r-I	26	747	149	42	252	47	273	87	65	6	283	5	115	57	2,877
Prairie Provinces	Quantity	1	ı		1	ı	1	ŧ	1	ı	ı	4	ı	ı	ı	1	1	ı	1	ı	1	•
io	Cost	2,029	1	110	106	341	18	69	1,119	419	857	736	029	1,854	289	754	254	702	150	6,768	452	17,698
Ontario	Quantity	1	1	1		1	ŀ	1	ě	å	ı	1	4	đ	ı	ı	1		1	1	ı	1
v	Cost	2,029	38	120	71	979	53	199	682	274	1,393	116	29	571	19	77	239	133	9	395	76	7,171
Quebec	Quantity	•	1	ı	1	1	ı	1	1		1		8	1	1	ı	4	ı	ı	1	ŧ	ı
rovinces	Cost	411	ı	ı	F	7	7	2	859	*	463	123	10	124	18	86	1	53	31	е	38	2,278
Atlantic Provinces	Quantity	•	è	(ı	ı	1	ı	ı	1	1	4		1	1	ŧ	1	4	8	1	1	1
MAYO UPTO IDAT	don's kaopin	1. Food and beverage industries	2. Tobacco products industries	3. Rubber industries	4. Leather industries	5. Textile industries	6. Knitting mills	7. Clothing industries	8. Wood industries	9. Furniture and fixture industries	10. Paper and allied industries	11. Printing, publishing and allied industries	12. Primary metal industries	13. Metal fabricating industries	14. Machinery industries	15. Transportation equipment industries	16. Electrical products industries	17. Non-metallic mineral products industries	18. Petroleum and coal products industries	19. Chemical and chemical products industries	20. Miscellaneous manufacturing industries	Totals



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No. 57-002 Vol. 5, No. 49

June 1970

Sales of Natural Gas, April 1970 Catalogue No. 55-002

Total sales of natural gas to Canadian consumers for April were 87,395,839 Mcf. This was an increase of 14.5% over the same month last year. Revenue from sales was \$55,169,777.

Sales for the first four months of 1970 were 394,952,207 Mcf., an increase of 8.1% over the same period last year. Exports continued to rise over the period amounting to 263,930,965 Mcf., an increase of 17.9%, while imports were 1,732,432 Mcf., a decrease of 87.9%. Export revenues were up 21.2%.

Sales of Natural Gas, April 1970

	Custon	mers		
	Space heating	Total	Gas sold	Revenue
	No	•	Mcf.	\$
Residential:				
New Brunswick	130	1,629	3,834	13,637
Quebec	108,225	204,569	1,083,731	1,783,208
Ontario	595,546 111,746	730,381 113,529	11,591,326	12,903,310 1,835,768
Manitoba	120,541	125,522	2,530,642	1,894,394
Alberta	274,637	277,489	5,916,738	3,085,921
British Columbia	187,099	214,078	2,239,411	2,802,474
Canada	1,397,924	1,667,197	25,553,597	24,318,712
Commercial:				
New Brunswick		54	2,617	5,395
Quebec		10,232	669,776	772,224
Ontario		69,703	8,639,618	7,575,536
Manitoba		11,074	1,764,468	1,173,391
Saskatchewan		17,283 31,714	1,598,017	901,873 1,945,052
British Columbia		28,288	1,843,685	1,696,809
Canada		168,348	19,644,834	14,070,280
Industrial:				
New Brunswick		-	-	-
Quebec		1,995	2,660,900	1,421,627
Ontario		8,695	20,026,093	10,221,803
Manitoba		316	1,791,709	544,651
Saskatchewan		658 568	4,545,686 9,585,305	1,298,580 1,817,162
Alberta		364	3,587,715	1,476,962
Canada		12,596	42,197,408	16,780,785
				1-,,,,,,,,
Firm		11,888	32,339,028	12,947,454
Interruptible		708	9,858,380	3,833,331
Total sales:				
New Brunswick		1,683	6,451	19,032
Quebec		216,796	4,414,407	3,977,059
Ontario		808,779	40,257,037	30,700,649
Manitoba		124,919	5,744,092	3,553,810
Saskatchewan		143,463	8,674,345	4,094,847
Alberta		309,771 242,730	20,628,696 7,670,811	6,848,135 5,976,245
Canada		1,848,141	87,395,839	55,169,777
Total exports			66,622,457	17,788,846
Total imports	• • • • • • • • • • • • •		999,464	441,277

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Catalogue No. 57-002 Vol. 5, No. 50

June 1970

Preliminary(1) Report on Coal Production May 1970

Preliminary data indicate that coal production for the month of May 1970 amounted to 1,153,986 tons, an increase of 49.5% from the May 1969 preliminary production figure of 771,722 tons. Landed imports were 2,932,398 tons compared with 2,431,757 tons for the same period last year.

⁽¹⁾ Advanced publication of data included in Monthly publication No. 45-002 Coal and Coke Statistics.

- 2 -

Production and Landed Imports of Coal, by Provinces

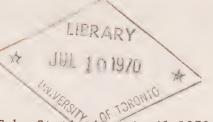
•	196	9	19	70
	Production(2)	Landed imports(1)	Production(2)	Landed imports(1)
		net tons of 2	,000 pounds	
<u>May 1970</u>				
Newfoundland Nova Scotia New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta - Bituminous Sub-bituminous British Columbia and Yukon	239,108 47,132 - 90,668 97,201 212,960 84,653	48,713 - 121,466 2,260,501 837 240 -	- 169,877 33,176 - - 218,787 168,443 286,803 276,900	25,538 - 82,650 2,824,169 - 41 -
Canada totals	771,722	2,431,757	1,153,986	2,932,398
Five months ended May Newfoundland Nova Scotia New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta - Bituminous Sub-bituminous British Columbia and Yukon	1,333,097 280,579 - - 902,585 468,354 1,469,114 387,063	3,508 285,631 257 213,614 4,135,223 2,184 666	985,131 190,528 - - 1,333,086 815,468 1,653,135 736,601	1,349 193,286 462 136,852 4,895,389 1,672 398
Canada totals	4,840,792	4,641,384	5,713,949 ^r	5,229,408

⁽¹⁾ Supplied by the Dominion Coal Board; do not necessarily agree with figures reported in Trade of Canada.

⁽²⁾ All figures are preliminary.

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Catalogue No. 57-002 Vol. 5, No. 51



June 1970

Coal and Coke Statistics, April 1970, Cat. No. 45-002

Coal production for the month of April 1970 amounted to 1,212,132 tons, an increase of 40.1% from the April 1969 production of 865,470 tons, while landed imports were 2,050,369 tons compared with 1,792,064 tons for the month of April 1969. Consumption by industrial consumers amounted to 1,700,820 tons of coal and 540,404 tons of coke, an increase of 218,043 tons of coal and a decrease of 10,181 tons of coke from last year.

Industrial consumers' stocks of coal and coke decreased to 3,757,747 tons from 3,831,590 tons in April 1969.

Coke production during the month of April 1970 decreased to 476,379 tons from 492,624 tons in April 1969, while coke used in blast furnaces decreased to 379,077 tons from 394,411 tons during the same period.

6503-521

DBS REGIONAL OFFICES—St. Johns • Halifax • Montreal • Ottawa • Toronto • Winnipeg • Edmonton • Vancouver

Coal and Coke Statistics

April 1970

			Coal			Co	ke
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
				tons			
•							
Newfoundland	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	224,524	57,934	180,845	41,795	21,244	50,426	
New Brunswick	23,693	55	33,493	14,592	62,237	-	-
Quebec	-	30,244	-	75,667	116,157	57,592	48,434
Ontario	-	1,961,723	-	1,050,872	3,050,076	407,937	86,866
Manitoba	-	247	-	59,469	106,123	66	401
Saskatchewan	253,776	166	253,172	182,397	176,853	-	-
Alberta	525,107	-	428,481	267,441	36,595	265	218
British Columbia and Yukon	185,032	-	181,915	8,587	15,893	24,118	36,650
Total Canada 1970	1,212,132	2,050,369	1,077,906	1,700,820	3,585,178	540,404	172,569
Total Canada 1969	865,470	1,792,064	841,505	1,482,777	3,627,326	550,585	204,264

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Catalogue No. 57-002 Vol. 5, No. 52



June 1970

Oil Pipe Line Transport, April 1970, Catalogue No. 55-001

Net receipts of crude oil, condensate, pentanes plus and refined petroleum products by Canadian oil pipe lines during April increased 6.4 per cent to 1,830,900 B/D from 1,721,300 B/D for the same period of the preceding year; domestic oils amounted to 1,407,000 B/D (up 2.9 per cent) and imported oils were 423,900 B/D (up 19.8 per cent).

Net deliveries of crude oil, condensate, pentanes plus and refined petroleum products during the month rose 8.8 per cent to 1,843,800 B/D from 1,695,300 B/D last year. Included in the month's deliveries were 1,254,200 B/D to domestic points (up 8.6 per cent) and 589,600 B/D for export (up 9.1 per cent).

For the four-month period, net receipts of all commodities were 2,128,900 B/D, an increase of 13.7 per cent over the same period of 1969; deliveries rose 14.4 per cent, to 2,128,500 B/D. The imports by pipe line for the period increased to 444,200 B/D while the exports of the same commodities rose to 730,200 B/D, increases of 10.9 per cent and 33.5 per cent, respectively.

Total traffic for April amounted to 25,930 million barrel miles with an average length of haul of 468.8 miles.

Oil held by Canadian pipe line systems totalled 24,798,577 barrels by the end of April. Inventories of crude oil and equivalent decreased by 824,876 barrels, while inventories held in Canada and the United States decreased by 863,180 barrels.

6503-521

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Oil Pipe Line Supply and Disposition

		April	1970		Year to d	ate 1970
Supply and disposition	Crude oil and equiva- lent	Refined petroleum products and L.P.G.'S.	Total volume	% change from April 1969	Total volume	% change from previous year
			'000 barre	ls per day		
Net receipts Domestic Imports Total net receipts	1,147.7 420.4 1,568.1	259.3 3.5 262.8	1,407.0 423.9 1,830.9	+ 2.9 + 19.8 + 6.4	1,684.7 444.2 2,128.9	+ 14.4 + 10.9 + 13.7
Net deliveries						
Domestic	1,017.8 572.9	236.4 16.7	1,254.2 589.6	+ 8.6 + 9.1	1,398.3 730.2	+ 6.4 + 33.5
Total net deliveries	1,590.7	253.1	1,843.8	+ 8.8	2,128.5	+ 14.4
Inventory change (barrels)	- 863,180	282,693	- 580,487	œ	- 241,336	-

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Catalogue No. 57-002 Vol. 5, No. 53

July 1970

Government Publications

Crude Oil Requirements, 1969-70

The crude oil requirements by Canadian refineries are estimated to increase to a total of 1,273 million B/d in 1970; an increase of 7.0% over last year.

Canadian crude requirements for refining are expected to increase by 5.4% from 663,000 B/d in 1969 to 699,000 B/d in 1970, while imported crude requirements for refining are expected to rise by 10.0% from 522,000 B/d in 1969 to 574,000 B/d in 1970.

Forecast new needs of crude oil for refining are expected to amount to 88,000 B/d in 1970, with domestic produced crude supplying 41% of these needs (36,000 B/d) and imports 59% (52,000 B/d).

Crude oil exports for the third quarter of 1970 are estimated to average 197,000 B/d a decrease of 371,000 B/d over the same period in 1969.



Canadian Crude Oil Requirements

Anticipated and Actual Refinery Receipts of Crude Oil, Condensate and Pentanes Plus

	Act Jan			Actual 1969			Estim 197		
	1968 ^r	1969	July	Aug.	Sept.	July	Aug.	Sept.	Jan. Dec.
				'000 bar	rels per d	ay			
By source	,								
Domestic									
Western	641.4	659.7	684.5	706.9	670.9	739.5	746.2	731.8	696.4
Eastern	3.2	3.2	3.3	3.1	2.9	2.6	2.6	2.6	2.9
Totals	644.6	662.9	687.8	710.0	673.8	742.1	748.8	734.4	699.3
Imported	487.1	521.8	552.0	521.4	539.9	599.7	602.0	561.0	574.1
Total requirements	1,131.7	1,184.7	1,239.8	1,231.4	1,213.7	1,341.8	1,350.8	1,295.4	1,273.4
By location									
Atlantic Quebec Ontario Manitoba Saskatchewan Alberta British Columbia North West Territories	109,2 376.6 329.2 42.3 60.7 100.7 110.9 2.1	124.9 395.7 341.9 40.6 64.6 108.4 106.5 2.1	119.1 430.2 355.6 42.2 69.8 117.2 103.2 2.5	117.3 401.4 362.7 41.0 76.8 111.2 118.5 2.5	123.0 414.0 340.3 41.1 72.6 105.7 114.4 2.6	143.9 453.1 384.4 46.9 67.5 117.3 125.7 3.0	134.7 464.5 388.4 45.8 70.7 117.8 125.9 3.0	140.1 418.1 382.5 46.2 67.9 117.1 120.8 2.7	140.1 432.8 368.1 43.2 64.5 108.6 113.5 2.6
Total requirements	1,131.7	1,184.7	1,239.8	1,231.4	1,213.7	1,341.8	1,350.8	1,295.4	1,273.4
Export requirements(1)	461.8	- 554. 9	546.4	567.5	588.7	199.6	206.1	184.8	

⁽¹⁾ Reported by the pipeline companies. .. Figures not available. r Revised figures.

Crude Oil Requirements 1969 and 1970

Summary of Crude Oil Requirements and New Needs (thousand barrels daily)

	196	9		197	0	
	Require	ments	Require	ements	New n	eeds
	Volume	%	Volume	%	Volume	%
Domestic	663	56	699	55	36	41
Imports	522	44	574	45	52	59
Totals	1,185	100	1,273	100	88	100

\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5. No. 54 July 1970

Preliminary Electric Power Statistics, May 1970 Catalogue No. 57-001

Net generation in May 1970 rose 6.2% to 16,448,052 thousand kwh. from 15,488,083 thousand kwh. in May 1969. There were increases in net generation in all provinces. The largest increases occurred in Newfoundland and Yukon Territory where they amounted to 25.0% and 99.9% respectively. Hydro generation increased 3.3% in May over the same period last year, while thermal generation increased 22.1%.

Imports decreased 22.4% and exports increased 45.5% compared with May 1969. Firm energy consumption increased 5.6%.

Total generation for the twelve month period ending May 31, 1970 amounted to 196,825,844 thousand kwh. compared with 195,865,875° thousand kwh. for the twelve month period ending April 30, 1970.

Seasonally adjusted net generation in May 1970 amounted to 16,791 million Kwh. compared with 17,071 million Kwh. in April and $16,761^{\rm r}$ million Kwh. in March. Firm energy consumption amounted to 16,357 million Kwh. on a seasonally adjusted basis. The comparable figures for April and March were 16,693 million Kwh. and $16,467^{\rm r}$ million Kwh. respectively.

r Revised figures.



Preliminary Electric Energy Statistics

(thousand Kwh.)

`		May	
	1968	1969	1970
Net generation - Hydro	11,279,471	13,078,812	13,506,726
Thermal	2,779,898	2,409,271	2,941,326
Total net generation	14,059,369	15,488,083°	16,448,052
Energy imported from U.S.A	278,825	216,852	168,226
Energy exported to U.S.A.:			
Firm	67,282	78,858	77,677
Secondary	222,082	220,547	357,987
Total exported to U.S.A	289,364	299,405	435,664
Net energy used in Canada	14,048,830	15,405,530°	16,180,614
Secondary energy used in Canada	114,748	176,860°	105,158
Firm energy used in Canada	13,934,082	15,228,670°	16,075,456

r Revised figures.

\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5, No. 55

July 1970

Preliminary Propane Statistics, January 1969 and January 1970

Production of propane for January 1970 amounted to 2,271,669 barrels. This was an increase of 242,341 barrels over the same month last year.

Sales to distributors were 1,503,252 barrels as compared with 1,353,790 in January 1969.

The export of propane for the month was 1,185,547 barrels, an increase of 12.8 per cent over January 1969.

These preliminary data of refinery and processing plant supply and disposition of propane represent the first attempt to produce monthly data on output and consumption of propane in an interprated form. These statistics show provincial source and end disposition of the product, without taking into account intermediate interprovincial transfers.

Statistics for succeeding months and prior years will be issued in the D.B.S. Service Bulletin in the same format as they become available. Comments from users would be welcome in order to assist in making this series as useful as possible.





Canadian Propane Supply and Disposition

	Atlantic	Quebec	Ontario	Manitoba and Saskat- chewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
January 1969								
Supply								
Refinery production	44,556	166,743	208,430	29,606 72,784	1,439,826	25,854 41,529		475,189 1,554,139
Imports ' Interprovincial "IN" Inventory Change	1,496 (2,333)	1,057 74,574 15,709	127,164 17,118	206,664 82,680	2,749 531,742	131,367 4,275	7,962	1,057
Total	43,719	258,083	352,712	391,734	1,974,317	203,025	7,962	2,679,576
Disposition								
Plant and refinery use	40	17,300	900	2,724	1,082 (2,141)	-	-	22,006
Gas enrichment	das das	35,504	147,019		4,298 134,082	-	-	4,298 316,605
Distributors Exports: District 1	46,687	211,043	259,357	254,315	390,066 45,071	184,360	7,962	1,353,790 45,071
District 11	-	-	-	118,968	197,546 219,690	-	-	316,514
District V	-		-	-	204,168 265,610		-	204,168 265,610
Losses or gains Adjustments Interprovincial "OUT"	242 (4,450) 1,240	(48) (7,962) 2,246	19 (54,583) -	(382) 16,108	(25,487) 12,569 527,763	14,034 12 4,619	-	(11,239)
Total	43,719	258,083	352,712	391,734	1,974,317	203,025	7,962	2,679,576
January 1970								
Supply								
Refinery production	58,914	209,009	230,880	28,862 67,242	1,603,327	30,878 42,557	-	558,543 1,713,126
Imports Interprovincial "IN" Inventory change	2,539	2,766 133,045 15,008	187 317,738 1,708	251,690 3,625	2,492 591,208	69,885 342	9,369	2,953 614,430
Total	61,453	359,828	550,513	351,419	2,197,027	143,662	9,369	2,889,052
Disposition								
Plant and refinery use	-	2,840	500	2,491	1,349	-	-	7,180
Miscible flood	58,552	49,473 295,743	149,240 479,142	27 283,957	1,032 120,150 245,474	3,546 131,015	9,369	1,032 322,436 1,503,252
District 1	-	-	-	-59,089	72,002 489,564	-	-	72,002 548,653
District 1V	en	-	-	-	111,168 175,523 271,276	207		111,168 175,730 277,994
Losses or gains	255 1,124	49 2,576	87 (80,364)	123 (2,184)	(4,360) (47,639)	(43) (19)	-	(3,889
Interprovincial "OUT"	1,522	9,147	1,908	7,916	761,488	2,238	9,369	2,889,052

⁽¹⁾ Excludes returned to formation.
(2) Identifiable industrial sales have been allocated to this category. Distributor sales may contain sales to industrial.



Catalogue No. 57-002 Vol. 5, No. 56 July 1970

Refined Petroleum Products 1970

Production of refined petroleum products increased 8.2% in April to 34,664,734 barrels from 32,031,667 in the same month last year, according to an advance release of data that will be contained in the April issue of the DBS report "Refined Petroleum Products."

Receipts of crude oil increased 8.5% in April to 34,930,471 barrels from 32,186,022 a year earlier. There was 2.2% more domestic crude at 18,098,218 barrels versus 17,715,093 and, 16.3% more imported crude at 16,832,253 barrels versus 14,470,929. Domestic disappearance of finished petroleum products increased 0.04% to 39,980,718 barrels from 39,963,036 in the same month last year.



IMPORTS Into Canada Of Selected Petroleum Products, April 1970

Total all	products		730,113 3,206,735 422,868 514,598 4,874,314
	Heavy		368,806 1,448,938 476,831 2,294,575
Fuel oil	Light	nnadian gallons	351,336 664,888 30 -
	Diesel	barrels of 35 Canadian gallons	143
Kerosene	stove oil		9,543 30,336 136 34 40,049
Motor	gasoline		898,286 423 898,709
			Maritimes

EXPORTS* Of Selected Petroleum Products, April 1970

Total all	Heavy		 1	35,915	- 255,574	- 261	,	- 125,191	- 416,941	
Fuel oil	Light	nadian gallons	•	9	216,481	1	,	54,400	270,881	Surrou
	Diesel	barrels of 35 Canadian gallons	ı	16,147	1	1	ı	22,414	. 38,561	troleim Products
Kerosene	stove oil		1	ľ	ı	1	1	1	ı	the Refined De
Motor	gasoline		1	1	ı	3	•	41,671	41,671	respondents to
			Maritimes	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Canada total	* Only those made by respondents to the Refined Petroleum Products Survey

Refinery Production in Canada of Selected Petroleum Products, April 1970

	Motor	Aviation	Kerosene		Fuel oil		m-1-1-11	Total all	products
	gasoline	fuel	stove oil	Diesel	Light	Heavy	Total all products	Cumulative 1970	Cumulative 1969
				barrels	of 35 Canad	ian gallons			-
Newfoundland	(1)	(1)	(1)	-	(1)	(1)	(1)	(1)	(1)
Maritimes	1,074,417	49,211	165,620	(2)	797,297	1,084,956	3,830,523	15,656,550	15,552,335
Quebec	3,635,380	577,066	499,989	1,532,949	2,583,405	3,085,777	12,723,595	52,878,535	47,651,260
Ontario	3,641,586	275,051	490,841	954,101	1,416,701	1,604,736	9,901,952	43,318,945	41,511,742
Manitoba	529,391	122,324	62,914	256,988	38,355	102,529	1,283,414	4,942,331	5,247,432
Saskatchewan	484,541	25,171	14,342	235,792	110,596	96,593	1,085,048	6,864,282	7,240,688
Alberta	865,673	118,175	12,672	473,344	79,953	72,272	2,129,519	12,464,211	12,703,498
British Columbia	1,336,428	166,367	148,406	975,569	143,581	409,557	3,639,484	13,314,734	12,397,375
Northwest Terri- tories and Yukon	3,605	2,816	-	28,647	369	- 765	71,199	284,713	237,223
Canada totals	11,571,021	1,336,181	1,394,784	4,457,390	5,170,257	6,455,655	34,664,734	_	-
Canada cumulative	50,809,214	4,142,307	7,776,203	14,873,668	27,032,198	29,381,673	-	149,724,301	•
Canada cumulative 1969	49,653,656	3,526,163	7,863,813	13,817,743	24,785,487	28,060,030		-	142,541,553

⁽¹⁾ Included with Maritimes.
(2) Included with Quebec.

NET SALES in Canada of Selected Petroleum Products, April 1970

	,								
	Motor	Aviation	Kerosene		Fuel oil		m . 1 11	Total al	l products
	gasoline	turbo fuel	stove oil	Diesel	Light	Heavy	Total all products	Cumulative 1970	Cumulative 1969r
				barrels	of 35 Canad	lian gallons	-		
Newfoundland	174,408	40,501	131,911	223,589	260,309	306,583	1,142,592	4,648,221	4,233,607
Maritimes	790,121	74,941	292,394	287,088	985,263	1,666,355	4,239,892	17,482,072	15,178,017
Quebec	3,553,131	360,649	373,986	549,294	2,813,713	3,444,371	12,022,624	54,687,046	50,030,241
Ontario	4,717,918	372,066	245,831	848,101	3,481,889	2,290,883	12,980,355	57,756,612	55,071,021
Manitoba	543,852	85,688	99,547	180,098	172,559	55,074	1,197,064	5,534,493	5,395,991
Saskatchewan	636,945	21,539	60,648	210,605	118,755	14,175	1,106,135	4,778,990	5,182,045
Alberta	1,209,511	119,359	28,459	403,967	55,914	8,426	1,949,275	7,863,038	7,971,403
British Columbia	1,317,680	154,670	140,278	566,775	554,223	797,419	3,886,601	15,657,378	16,923,394
Northwest Terri- tories and Yukon	22,012	39,156	7,886	41,310	24,296	40	151,908	506,560	444,257
Canada totals	12,965,578	1,268,569	1,380,940	3,310,827	8,466,921	8,583,286	38,676,446	_	_
Canada cumulative	47,899,721	4,785,772	9,006,169	12,905,778	49,602,002	33,936,175	-	168,914,410	-
Canada cumulative 1969r	44,402,322	4,300,965	8,791,143	12,693,461	46,549,328	33,805,973	-	an.	160,429,976

r Revised figures.



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Catalogue No. 57-002

July 1970

Vol. 5, No. 57.

Crude Petroleum and Natural Gas Production, March 1970, Catalogue No. 26-006

According to preliminary data, the production of crude petroleum and equivalent hydrocarbons during March 1970 amounted to 43,488,621 barrels (1,402,859 barrels per day) an increase of 8.8 per cent or 113,308 barrels per day from March 1969.

Preliminary figures of natural gas net new production in March 1970 indicate an increase of 14.8 per cent to 228,297,558 Mcf. from 198,902,144 Mcf. in March 1969.





TABLE 1. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, March 1970

	New Brunswick	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources .	Total Foreign Sources	Total all sources
Supply					barrels of 35	Canadian	gallons			
Domestic production Crude oil Synthetic crude oil Less returned to formation	756	99,082	522,615	7,919,623	28,383,395 1,054,106 557,465	2,184,559	96,935	39,206,965	::	39,206,965 1,054,106
Totals	756	99,082	522,615	7,919,623	28,880,036	2,184,559	75,046	39,681,717		39,681,717
Condensate	1 1	1 1	' '	35,291	62,631	12,518	1 1	75,149		75,149
Net withdrawals	756	99,082	522,615	7,954,914	32,545,606	2,290,602	75,046	43,488,621		43,488,621
Imports			:			:		:	17,812,225	17,812,225
Total supply	756	99,082	522,615	7,954,914	32,545,606	2,290,602	75,046	43,488,621	17,812,225	61,300,846
Disposition									1	
Deliveries to refineries Atlantic Provinces	1									
Quebec	i i	1 4	1 1	1 1	1 1	1 (1 1	8	3,832,573	3,832,573
Manitoba	1 1	99,082	215,894	4,178,752	6,372,532	1	ŀ	10,866,260	19,970,147	13,975,147
Saskatchewan	4	1	1	210,388	1,706,574	1 1	1 1	1,212,669	1	1,212,669
Attended Columbia	1 1	i i	1 1	1 1	3,351,882	1.741.497	1 1	3,351,882	1 1	3,351,882
E THEFT CENTRE	1	1	1	1	•		71,599	71,599	1 1	71,599
TOCHTS	'	99,082	232,448	5,146,414	12,985,099	1,741,497	71,599	20, 276, 139	17,807,720	38,083,859
Exports to U.S.A. Petroleum Administration										
DISCRICE I	1 1	1 1	286.256	67,476	2,130,024	1	8	2,197,500	3	2,197,500
ΛΙ	1 1	1 1		en .	1,445,534	405,139	1 1 1	13,555,780 1,445,534 5,973,668	4 4	13,555,780
Totals		ì	286,256	3,058,158	19,422,929	405,139	,	23.172.482	,	73 177 7.87
Inventories Opening - Field and plant	1.078		700 07	000	000000000000000000000000000000000000000					70111111
Transporters' Closing - Field and plant	1 170	1	16,087	5,373,127	29,475,230	1,203,298		2,453,477	359,835	2,453,477
Transporters'	1,1,7		17,114	5,094,469	1,633,705	69,264	138,669	2,374,825		2,374,825
Net change	92	,	2,807	- 258,658	- 182,390	210,672	4,091	- 223,386	,	- 223.386
Deliveries to other purchasers	546	'	'	1	30 812	n 7. n				
Pipeline fuel	1 4	1 (ı	1 0	8,240	- 1	1	8,240	1 1	31,2598,240
Losses and adjustments	118	4	1,104	000,4	236,928	- 67,251	4 1	52,988	4,505	52,988
Total disposition	756	99,082	522,615	7,954,914	32,545,606	2,290,602	75,046	43,488,621	-	61,300,846
Figures not appropriate or not applicable.	licable.									

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, March 1970

			1		
No.		New Brunswick	Quebec	Ontario	Saskatchewan
1101			Mcf		
	A. FIELD AND PROCESSING PLANTS	1	1	1	
	Supp1y				
1	Gross new production	15,132	13,149	1,587,706	(0(7 77)
2	Less field flared and waste	15,152	-	1,387,706	6,867,772 976,698
3	Net new production (1 - 2)	15,132	13,149	1,587,706	5,891,074
4 5	Reproduced Less injected and stored	-	-	-	-
6	Net withdrawals	15,132	13,149	1,587,706	5,891,074
	Disposition				
7	Field disposition and uses	178	-	-	308,326
8 9	Gathering system disposition and uses Processing plant disposition and uses:	-	-	-	24,185
9a 9b	Processing shrinkage	-	-	-	184,175
10	Other uses	-	-	-	184,525 69,621
11 12	Adjustment	1/ 05/	-	-	-
	Deliveries of marketable gas	14,954	13,149	1,587,706	5,120,242
13	Total disposition	15,132	13,149	1,587,706	5,891,074
	B. GAS UTILITIES				
	Supply Supply				
14	Receipts of marketable gas				
14a 14b	Plants	14,954	13,149	1,587,706	1,811,482 3,308,760
15	Total (14a + 14b)	14,954	13,149	1,587,706	5,120,242
16	Receipts from distributor storage	-	_	8,746,437	1,331,352
17 17a	Imports	-	-	-	-
	Other receipts(1)	-	-	777	-
18	Total supply of marketable gas (15 + 16 + 17 + 17a)	14,954	13,149	10,334,920	6,451,594
	Disposition				
	Sales				
19	CONTROL CONTRO				
20	British Columbia	-	-	-	-
21	Saskatchewan	-	-	-	4,185,451
22	Manitoba Ontario	-	-	-	-
24	Quebec	-	13,149	10,450,950	-
25	New Brunswick	5,231	-	-	-
26	Total sales (19 to 25 inclusive)	5,231	13,149	10,450,950	4,185,451
27	Exports	_		_	
28	Other deliveries(2)	-	-	_	
29 30	Delivered to distributor storage	-	-	-	81,928
31	Pipeline fuel	125	-	49,240	37,193
32	Pipeline losses etc	9,598	-	- 165,270	1,474,817 672,205
33	Total disposition of marketable gas (26 to 32 inclusive)	14,954	13,149	10,334,920	6,451,594
(1)	P.G. for gas enrichment, peak shaving or temporary	supply.			

⁽¹⁾ L.P.G. for gas enrichment, peak shaving or temporary supply.(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

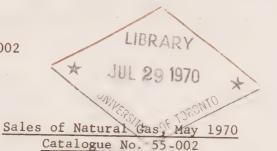
TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, March 1970

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
1		Mcf.			
196,252,219 5,602,329	31,130,730 993,264	65,492 62,351	235,932,200 7,634,642	•••	235, 9 32,200 7,634,642
190,649,890	30,137,466	3,141	228,297,558	• • •	228,297,558
21,654,850	665,448	-	22,320,298	• • •	22,320,298
168,995,040	29,472,018	3,141	205,977,260		205,977,260
958,879 692,117 23,308,785	1,070,605	-	2,337,988 725,917	•••	2,337,988 725,917
8,388,283 122,639 - 510,495 136,034,832	611,012 3,433,275 - - 221,428 24,568,939	3,141	24,103,972 12,009,224 192,260 - 731,923 167,339,822		24,103,972 12,009,224 192,260 - 731,923 167,339,822
168,995,040	29,472,018	3,141	205,977,260		205,977,260
110,543,878 25,490,954	24,089,433 479,506		136,444,793 30,895,029	:::	136,444,793 30,895,029
136,034,832	24,568,939	-	167,339,822	• • •	167,339,822
103,992	3		10,181,781 - 110,759	526,569	10,181,781 526,569 110,759
136,248,803	24,568,942	-	177,632,362	526,569	178,158,931
1,171,560 23,036,646 5,095,705 6,238,621 33,216,467 5,094,636	7,629,599	- - - - - -	8,801,159 23,036,646 9,281,156 6,238,621 43,667,417 5,107,785 5,231	12,751 - - 513,909	8,801,159 23,049,397 9,281,156 6,238,621 44,181,326 5,107,785 5,231
73,853,635	7,629,599	-	96,138,015	526,660	96,664,675
53,141,947 1,654,320 194,058 244,057 5,355,194 1,805,592	14,759,317 - - 174,427 1,703,557 302,042	- - - - -	67,901,264 1,654,320 275,986 455,677 8,582,933 2,624,167	- 91	67,901,264 1,654,320 275,986 455,677 8,582,933 2,624,076
136,248,803	24,568,942	-	177,632,362		



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Catalogue No. 57-002 Vol. 5, No. 58



July 1970

Total sales of natural gas to Canadian consumers for May were 66,867,535 Mcf. This was an increase of 11.5% over the same month last year. Revenue from sales was \$39,962,789.

Sales for the first five months of 1970 were 460,457,429 Mcf. This was an increase of 8.3% over the same period last year. Exports continued to rise over the period amounting to 328,040,369 Mcf., an increase of 17.3%, while imports were 3,376,357 Mcf., a decrease of 81.6%. Export revenues were up 21.5%.

Sales of Natural Gas, May 1970

	Customers		Gas sold	Pevenuo
	Space heating	Total	Gas sold	Revenue
	No.		Mcf.	Ś
l I				
esidential: New Brunswick	130	1,608	2 5/7	8 / 2
Ouebec	107,088	203,546	2,547 579,975	8,42 1,302,35
Ontario	590,037	732,743	5,916,413	7,351,47
Manitoba	111,896	113,981	1,342,734	1,195,94
Saskatchewan	120,332	125,305	1,553,264	1,324,90
Alberta	275,072	277,456	3,507,704	2,115,89
British Columbia	187,148	214,789	1,619,768	2,067,68
Canada	1,391,703	1,669,428	14,522,405	15,366,68
· ·	2,022,100	2,002,120	1,,311,,103	13,300,00
Commercial:		F./	1 067	
New Brunswick		54	1,867	3,73
Quebec		10,157	432,667	521,54
Ontario			4,869,885	4,282,93
Manitoba		11,057 17,227	1,092,814	758,66
Saskatchewan		31,388	913,146	555,56
British Columbia		27,801	1,463,413	1,216,46 1,360,05
Canada		167,283	11,910,772	8,698,97
ndustrial:				
New Brunswick		-	-	-
Quebec		1,977	2,844,924	1,397,33
Ontario		8,677	18,873,203	9,736,15
Manitoba		322	1,550,614	466,06
Saskatchewan		655	3,962,562	1,063,27
Alberta		578	9,968,030	1,887,19
British Columbia		368	3,235,025	1,347,11
Canada		12,577	40,434,358	15,897,13
Firm		11,846	30,288,192	12,030,69
Interruptible		731	10,146,166	3,866,44
otal sales:				
New Brunswick		1 662	4 414	12 16
Quebec		1,662 215,680	4,414 3,857,566	12,16
Ontario		811,019	29,659,501	3,221,23 21,370,56
Manitoba		125,360	3,986,162	2,420,68
Saskatchewan		143,187	6,428,972	2,943,74
Alberta		309,422	16,612,714	5,219,54
British Columbia		242,958	6,318,206	4,774,85
Canada		1,849,288	66,867,535	39,962,78
Total exports		64,092,797	17,539,94	
	Total imports			

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Catalogue No. 57-002 Vol. 5, No. 59

July 1970

CONTENTS

		Page
1.	Preliminary Report on Coal Production, June 1970	1
2.	Coal and Coke Statistics, May 1970	3

1. Preliminary(1) Report on Coal Production June 1970

Preliminary data indicate that coal production for the month of June 1970 amounted to 1,166,505 tons, an increase of 71.2% from the June 1969 revised preliminary production figure of 681,237 tons. Landed imports were 2,245,119 tons compared with 2,249,558 tons for the same period last year.

(1) Advanced publication of data included in Monthly publication No. 45-002 Coal and Coke Statistics.



- 2 -

Production and Landed Imports of Coal, by Provinces

•	196	59	19	70
	Production(2)	Landed imports(1)	Production(2)	Landed imports(1)
		net tons of 2	,000 pounds	
June 1970 Newfoundland	204,095 47,666° - 107,243 117,869 143,413 60,951	42,491 51 79,660 2,125,759 1,324 193	181,133 40,203 - - 152,014 181,498 286,973 324,684	- - 56 70,251 2,174,304 234 274
Canada totals	681,237 ^r	2,249,558	1,166,505	2,245,119
Six months ended June Newfoundland	1,537,192 328,245 ^r - 1,009,828 586,223 1,612,527 448,014	3,508 328,122 308 293,274 6,260,982 3,508 859 - - 381	1,166,264 230,731 - 1,485,100 996,966 1,940,108 1,061,285	1,349 193,286 518 207,103 7,069,693 1,906 672
Canada totals	5,522,029 ^r	6,890,942	6,880,454	7,474,527

⁽¹⁾ Supplied by the Dominion Coal Board; do not necessarily agree with figures reported in Trade of Canada.

⁽²⁾ All figures are preliminary.

2. Coal and Coke Statistics, May 1970, Catalogue No. 45-002

Coal production for the month of May 1970 amounted to 1,198,500 tons an increase of 56.7% from the May 1969 production of 764,835 tons, while landed imports were 2,932,398 tons compared with 2,431,757 tons for the month of May 1969. Consumption by industrial consumers amounted to 1,209,372 tons of coal and 564,252 tons of coke, an increase of 142,416 tons of coal and a decrease of 1,126 tons of coke from last year.

Industrial consumers' stocks of coal and coke increased to 4,594,724 tons from 4,517,841 tons in May 1969.

Coke production during the month of May 1970 decreased to 497,551 tons from 517,501 tons in May 1969, while coke used in blast furnaces decreased to 393,495 tons from 399,663 tons during the same period.

Coal and Coke Statistics

May 1970

			Coal			C	oke
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
				tons	1)
Newfoundland	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	169,818	25,538	149,272	40,729	17,916	52,649	
New Brunswick	33,177	-	33,377	12,729	59,895	-	-
Quebec	-	82,650	-	75,532	115,424	59,799	82,926
Ontario	-	2,824,169	-	643,723	3,830,176	423,954	94,797
Manitoba	-	~	-	36,558	94,687	61	400
Saskatchewan	218,787	41	218,611	153,988	214,947	-	-
Alberta	499,818	-	497,657	237,947	36,868	314	203
British Columbia and Yukon	276,900	-	136,164	8,166	14,505	27,475	31,980
Total Canada 1970	1,198,500	2,932,398	1,035,081	1,209,372	4,384,418	564,252	210,306
Total Canada 1969	764,835	2,431,757	720,865	1,066,956	4,294,933	565,378	222,908



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Catalogue No. 57-002 Vol. 5, No. 60

July 1970

Refined Petroleum Products

Production of refined petroleum products increased 23% in May to 37,408,060 barrels from 30,405,295 in the same month last year, according to an advance release of data that will be contained in the May issue of the DBS report "Refined Petroleum Products".

Receipts of crude oil increased 21% in May to 37,191,577 barrels from 30,709,235 a year earlier. There was 15% more domestic crude at 20,982,503, barrels versus 18,244,626 and 30% more imported crude at 16,209,074 barrels versus 12,464,609. Domestic disappearance of finished petroleum products decreased 5.8% to 38,869,344 barrels from 41,110,569 in the same month last year.



Refinery Production in Canada of Selected Petroleum Products, May 1970

					Fuel oil			Total all	products
	Motor gasoline	Aviation turbo fuel	Kerosene stove oil	Diesel	Light	Heavy	Total all products	Cumulative 1970	Cumulative 1969
				barrels o	of 35 Canadian	gallons			
Newfoundland	(1)	(1)	(1)	'	(1)	(1)	(1)	(1)	(1)
Maritimes	1,207,877	75,617	314,102	(2)	782,330	1,054,515	4,076,286	19,732,836	19,142,077
Quebec	3,513,676	562,008	422,508	1,386,613	2,267,988	3,087,346	12,273,795	65,152,330	55,835,126
Ontario	3,936,484	262,080	275,873	1,320,808	1,604,282	1,686,506	10,691,443	53,985,438	50,599,732
Manitoba	471,314	101,932	46,874	171,799	31,999	57,453	1,120,180	6,062,511	6,276,871
Saskatchewan	971,883	25,980	130,100	447,272	108,679	121,124	2,043,740	8,908,022	8,998,791
Alberta	1,415,277	154,053	84,472	812,282	46,253	176,435	3,279,052	15,743,263	16,221,626
British Columbia	1,487,724	168,839	185,054	766,906	34,047	381,848	3,846,914	17,161,648	15,558,392
North West Territories and Yukon	(139)	5,867	1	17,701	168	28,320	76,650	361,363	314,233
Canada totals	13,004,096	1,356,376	1,458,983	5,063,469	4,875,746	6,593,547	37,408,060	5	1
Canada cumulative 1970	63,813,310	5,498,683	9,235,186	19,937,137	31,907,944	35,975,220	ı	187,107,411	,
Canada cumulative 1969	60,299,712	4,161,854	9,082,612	18,467,721	28,410,652	32,869,541	1	1	172,946,848
(1) Included with Maritimes. (2) Included with Quebec.									

NET SALES in Canada of Selected Petroleum Products, May 1970

	Motor	A *** A ***	7.		100			Total all	Total all products
	gasoline	turbo fuel	stove oil	Diesel	Light	Heavy	Total all products	Cumulative 1970	Cumulative 1969r
				barrels	of 35 Canadian	gallons			
Newfoundland	176,341	40,222	85,866	188,268	149,259	701,509	1,415,221	6,063,442	5,158,631
Maritimes	800,267	66,625	198,368	422,532	550,678	1,442,882	3,682,760	21,164,832	18,532,014
Onebec	3,261,789	436,441	176,341	586,188	1,432,006	4,013,305	11,359,482	67,047,482	62,995,006
Ontario	4,754,361	385,872	111,674	931,730	2,019,969	1,971,962	11,238,351		67,314,113
Manitoba	624,063	93,404	43,064	225,386	80,221	139,797	1,279,595	6,824,629	6,731,069
Saskatchewan	892,207	23,506	38,235	449,312	61,595	29,206	1,629,415	6,408,405	7,056,637
Alberta	1,411,725	136,525	15,135	615,440	32,476	49,630	2,481,815	10,344,853	10,395,417
British Columbia	1,323,639	143,153	960,76	547,728	357,494	586,930	3,573,920	19,127,949	20,574,161
North West Territories and Yukon	24,028	29,085	4,659	53,913	21,524	377	151,627	658,187	535,300
Canada totals	13,268,420	1,354,833	770,438	4,020,497	4,705,222	8,935,598	36,812,180	,	,
Canada cumulative 1970	61,264,136	6,149,605	9,795,553	16,926,265	55,026,186	43,331,377	1	207,152,528	,
Canada cumulative 1969r	58,418,591	5,273,977	9,663,259	16,925,834	52,296,482	+3,150,986	ı	t	, T

- 4 -

IMPORTS into Canada of Selected Petroleum Products, May 1970

	Motor	Kerosene		Fuel oil		Total all	
	gasoline	stove oil	Diese1	Light	Heavy	products	
		barre	barrels of 35 Canadian gallons				
Maritimes Quebec Ontario All Other	52,306 176,866 -	55,871 33,671 -	369,104 368,668 -	353,697 374,459 175	1,353,965 2,883,401 78,072 68,357	2,243,905 4,705,161 183,118 120,694	
Canada total	229,172	89,542	737,772	728,331	4,383,795	7,252,878	

P Preliminary figures.

EXPORTS* of Selected Petroleum Products, May 1970

	Motor	Kerosene		Fuel oil		Total all
	gasoline	stove oil	Diesel	Light	Heavy	products
		barre	1s of 35 C	anadian gal	lons	
Maritimes						62,487
Quebec	183	-	20,015	93,810	32,731	129,216
Saskatchewan	-	-	-	-	1,831	1,831
British Columbia	70,260	_	8,236	_	-	93,056
Canada total	70,443	-	28,251	93,810	34,562	286,590

^{*} Only those made by respondents to the refined Petroleum Products survey.

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August 1970

PRICE INDEXES OF ELECTRICITY UTILITY CONSTRUCTION TRANSFORMER STATIONS 1969

Introduction

The base-weighted price indexes of the cost of constructing electric utility transformer stations in Canada express prices for materials, labour and equipment in a given year, as a percentage of prices for the same components of cost in the base year, 1961. Annual commodity, group and total indexes are presented herein for transformer stations.

A number of changes in index terminology, treatment of tax and prices samples were made during the year. These changes are outlined in the section following.

Changes in Index Terminology and in Price Samples

ederal Sales Tax

The former Transformer and Switching Stations Index has been retitled the ransformer Stations Index, a change which was precipitated by recent alterations in ederal sales tax ruling applicable to this portion of utility capital.

The rates shown in the table following were applied to the index components, nd are, for all practical purposes, reflective of rates utilities must pay on urchases of the components of material and equipment required for transformer station construction.

Federal Sales Tax Rates for Transformer Stations

	Tow			Tax perc	centage rat	es for tax	able commo	dities		
	Tax exempt item	1/1/56 to 9/4/59	to	to	1/1/56 to 13/6/63	14/6/63 to 31/3/64	to	1/1/65 to 31/3/67	1/4/67 to 1/6/67	2/6/67 to present
Transformer stations										
Earth excavation and embankment	:									
Steel structures Steel Insulators					0	4	8 8	11 11	11 6	11 0
Wooden structures Poles Crossarms Insulators Hardware		10	11	12	. 0	4	8	11	6	0
Buswork and conductors Power transformers Circuit breakers Disconnect switches Metalclad switchgear					0 0 0 0	4 4 4 4	8 8 8 8	11 11 11 11 11	6 6 6 6	0 0 0 0

The above rates are not relevant to those concerned with revaluing switching stations capital. Because that portion of utility capital is believed to be relatively small, an appropriately tax-adjusted index has not been calculated. To assist any utility wishing to tabulate a switching index, any of the component indexes can be provided in an ex-federal-sales-tax condition.

These changes were accommodated without changing the weighting pattern or the list of commodities included in the index.

Price Sample Changes

Power Circuit Breakers

Since 1964 off-shore producers have been winning a number of orders for power circuit breakers. As a result it is appropriate for an index relating to purchases by electric utilities to reflect price changes of imported goods. Accordingly price data has been collected from off-shore producers. The index as presently published thus reflects price movement of purchases from domestic producers for the period 1956 to 1964. Price movement from 1969 in relation to 1964 relates to new orders won by both domestic and off-shore producers. As data are not yet on hand relating to the years 1965 to 1968, index levels were interpolated and an appropriate federal sales tax change adjustment was then made to the interpolations.

Switchgear and Other Protective Equipment

Revised publishing agreements with manufacturers now permit a reversion to the original format of this portion of the index: metalclad switchgear and disconnect switches.

Industry Selling Price Indexes, 1961=100

Some commodity indexes included in transformer stations utilize prices collected for the Industry Selling Price These latter indexes were recently revised both as to content and time-reference base. The movement of these new indexes has been incorporated wherever relevant and in some instances price movement between 1961 and 1968 has been revised. All of the index revisions were fractional in nature. Additional information about these revisions can be found in the publication Industry Selling Price Indexes 1956-1968 DBS Catalogue No. 62-528, Occasional.

Characteristics of Recent Price Movement

'To place recent index movements in their larger context, a brief review of changes in the supply and demand characteristics relating to electric utility construction is provided:

Related economic indicators*	1966 1965	1967 1966	1968 1967	1969 1968
		per cent	change	
Capital expenditures in Canada(1)	+ 17.3	+ 1.5°	+ 2.3 ^r	+ 10.7
Capital expenditures in electric utilities(1) Expenditures in electric utilities as a proportion of capital	+ 21.6	+ 10.9 ^r	+ 10.0°	+ 9.7
expenditures in Canada	7.6	8.3 ^r	8.9 ^r	8.8
Indexes of employment in construction(2)	+ 10.4	- 7.3 ^r	- 2.5 ^r	- 0.1
Index of real domestic product for electric power(3)	+ 11.4	+ 8.8	+ 8.6 ^T	+ 9.7
Net generating capability(4)	+ 3.9	+ 8.4	+ 14.5 ^r	+ 6.9
Average bond yield for 10 public utilities(5) Indexes of employment by industry for electrical industrial	+ 13.2	+ 8.6	+ 12.0	+ 10.9
equipment(6)	+ 9.0	- 3.4	- 5.4	+ 5.2
industrial equipment(7)	+ 13.3	- 8.1	- 4.8 ^r	+ 5.5
Value index of selected imported electrical equipment(8)	+ 11.6	+ 25.2	- 16.4 ^r	+ 23.6

- (1) Public and Private Investment in Canada, DBS Catalogue 61-205 Annual.
- (2) Canadian Statistical Review, DBS Catalogue 11-003, Monthly.
- (3) Indexes of Real Domestic Product, by Industry, DBS Catalogue 61-506.(4) Annual Electric Power Survey of Capability and Load, DBS Catalogue 57-204, Annual.
- (5) McLeod, Young, Weir and Company, 50 King Street West, Toronto.
- (6) Employment and Average Weekly Wages and Salaries, DBS Catalogue 72-002.
- (7) Table 1 of Indexes of Real Domestic Product by Industry, DBS Catalogue 61-506, Annual, and Table II of Index of Industrial Production, without seasonal asjustment, DBS Catalogue 61-005, Monthly.
 (8) Imports of Commodities, DBS Catalogue 65-007, Monthly.
- In some instances 1969 data include estimates made by Prices Division staff relating to the concluding months of the year. Ratios published relating to earlier years have been revised to incorporate final figures published by the relevant divisions.
- r Revised figures.

Capital expenditures in Canada underwent a more pronounced increase of about 11 per cent in 1969 following modest gains in 1968 and 1967 of 2.3 and 1.5 per cent respectively. The 1969 increase falls short of the 17 per cent rise which occurred in 1966.

Capital expenditures by electric utilities in 1969 continued to expand at a rate consistent with the 10 per cent experienced in the previous two years. The electric utilities 1969 share of the capital expenditures dollar remained relatively unchanged at nearly 9 per cent. Gains in net generating capability, though less pronounced than the previous year, continued to accompany increased capital expenditures and gains in real output by electric utilities.

On the supply side, employment in construction stood virtually unchanged, unlike the previous two years in which declines in employment occurred.

For the heavy electrical equipment manufacturing industry, real output exhibited increases in direct contrast to the declines shown in the previous two years. The value of imports of a selected list of important elements of electrical industrial equipment increased substantially in 1969 attributable to increases in imports of components of switchgear, power transformers and turbo-generators.

Average bond yields for utilities underwent a 10.9 per cent increase consistent with sharp rises exhibited over the past four years.

During 1969 the transformer stations index rose by 1.3 per cent. Materials and labour prices mainly increased during the year. For materials and construction-in-place the average five per cent rise marked a reversal from the decreases in price levels which occurred in the two earlier years. Wage rates rose 8.5 per cent during the year, the second largest increase during the four years under review.

Equipment prices continued to decline in 1969 although the decline of 2.7 per cent was the smallest observed Since 1967. Declines in the earlier years included changes in federal sales tax. Of the three major items of equipment, power circuit breakers show the greatest price decline since 1964: 23 per cent. Power transformers declined 7.5 per cent during the same period. Metalclad switchgear rose 14 per cent.

Price indexes of electric utility construction	1966 1965	1967 1966	1968 1967	1969 1968
		per cen	change	
Recent price index percentage changes				
Transformer stations Structures and improvements Materials Buswork and conductors	+ 3.6 ^r + 5.6 + 4.3 + 8.0	- 1.1 ^r - 2.9 ^r - 2.9 ^r - 2.8	- 3.4 - 2.9 - 1.1 - 4.1	+ 1.3 + 5.2 + 6.3 + 4.0
In-place prices	+ 10.0 + 11.6 + 6.8 + 5.2	- 3.3 - 3.5 - 2.8 + 12.7	- 7.8 - 9.8 - 3.7 + 7.5	+ 1.5 + 4.4 - 4.1 + 8.5
Station equipment Power transformers Power circuit breakers Metalclad switchgear Disconnect switches	+ 2.6° + 1.2 - 3.6° + 9.1 + 11.3	- 4.4 ^r - 1.3 - 9.3 ^r - 6.7 + 2.5	- 7.3 - 9.6 - 7.4 - 3.6 - 2.7	- 2.7 - 2.4 - 4.0 + 4.6 - 5.8

Wage Rates

The wage rate index exhibited the second largest gain seen since index inception in 1956 and are second only to the sharp 1967 increases. Rates of change in 1969 were mainly similar for all trades and among provinces:

Wage rates	1966 1965	1967 1966	1968 1967	Preliminary <u>1969</u> 1968
		per cen	t change	
cansformer stations Electricians Labourers	+ 4.5 + 6.1	+ 13.5 + 11.1	+ 7.2 + 8.1	+ 8.5 + 8.4

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Indexes

														Pre-
	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	limi- nary 1969
Common labourer(2)														
Nova Scotia	81.0	7°98	90.5	92.5	9.96	100.0	106.1	110.9	115.6	126.7	135.1	146.2	161.9	174.8
New Brunswick	82.9	91.0	9.46	4.96	7.96	100.0	103.6	103.6	106.3	111.1	117.3	125.5	134.4	144.0
Quebec	73.9	75.0	81.8	6.98	93.7	100.0	109.7	113.6	118.7	125.5	132.3	148.3	155.7	165.6
Untario	8.99	72.8	78.2	85.1	93.1	100.0	105.0	108.6	114.6	119.5	125.5	138.2	152.2 ^F	167.1
Manitoba	67.3	74.5	80.0	7.68	95.2	100.0	100.0	100.0	100.0	104.4	1.801	6.911	128.8 ^r	140.9
Saskatchewan	9.77	80.8	88.5	94.2	4.76	100.0	100.0	105.1	110.9	114.1	117.8	124.1	131.7	141.4
Alberta	71.8	73.9	79.8	85.6	91.0	100.0	103.2	107.4	109.0	113.1	123.4	129.0	137.3	158.7
British Columbia	73.1	78.1	83.6	89.5	95.0	100.0	102.3	107.3	111.9	111.9	128.2	153.0	9.691	182.7
Canada	71.2	75.4	81.3	87.3	93.9	100.0	105.6	109.3	114.2	119.2	126.5	140.6	152.0 ^r	164.8
Electrician(2)														
Nova Scotia	78.3	81.7	85.2	88.3	92.6	100.0	102.2	104.3	108.7	114.4	119.1	126.7	142.2	152.2
New Brunswick	0.62	82.0	86.0	89.5	0.96	100.0	100.0	106.5	110.0	122.0	129.8	143.4	153.3	163.7
Quebec	80.0	80.0	83.2	0.06	95.2	100.0	106.0	108.8	112.0	117.4	122.1	151.4	159.0	170.3
Ontario	71.6	75.6	79.5	85.7	93.5	100.0	102.5	105.3	108.1	112.2	116.7	127.0	137.8	150.7
Manitoba	73.6	4.08	85.0	91.1	8.96	100.0	101.4	103.5	106.1	111.0	115.9	128.0	140.9r	151.5
Saskatchewan	88.0	89.3	92.7	96.6	7.86	100.0	106.8	111.1	114.5	117.7	122.2	133.6	141.7	151.4
Alberta	4.77	82.2	86.3	91.1	94.5	100.0	102.4	104.1	108.2	112.9	122.9	130.8	140.0r	154.0
British Columbia	74.2	78.2	87.7	95.4	98.2	100.0	101.8	107.4	112.3	119.6	126.9	136.6	147.5r	164.8
Canada	76.0	78.8	83.1	89.3	1.56	100.0	103.6	106.8	110.0	115.1	120.3	136.6	146.5 ^F	159.0

- 5 -

The (1) For the period 1956 to 1964, wage rate indexes were derived for eight major cities from data supplied by the Labour Standards Branch of the Department of Labour. In January 1965, union wage rate data for the basic wage rates reported by major utilities and some contractors were incorporated in the index. Sample selected provides an estimate of wage rate change for each province - and represents urban own-account and contract electric utility construction. Sample selected provides and and are available on request.

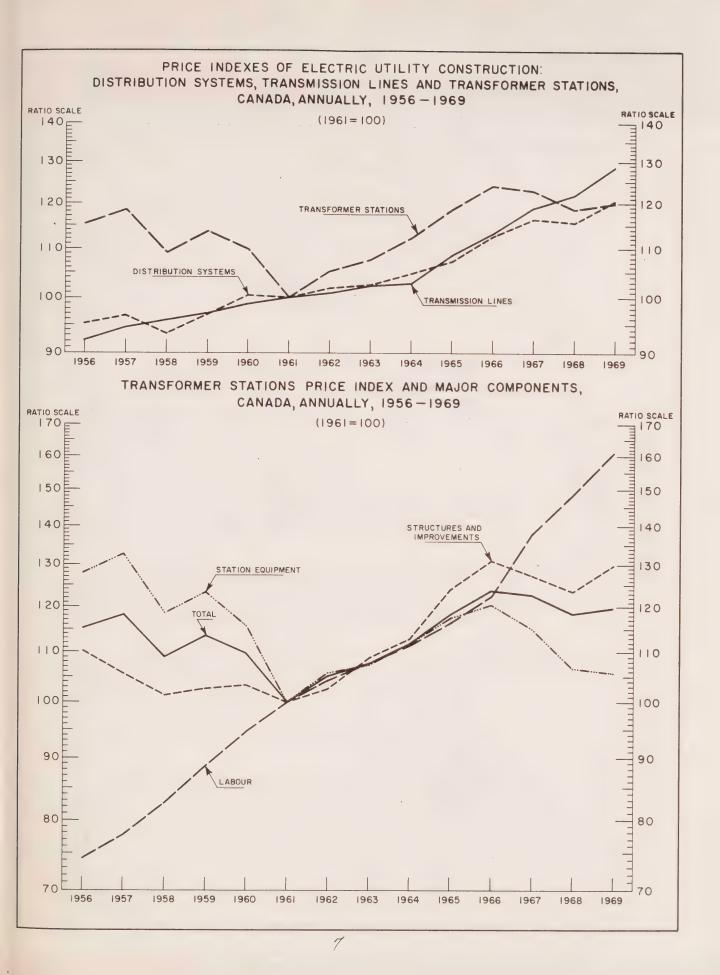
(2) Expenditures for Newfoundland during the base-weight period were small and for this reason wage rates for Newfoundland are not included in the published indexes. Rates have been collected from Newfoundland utilities since 1964 and indexes are available upon request.

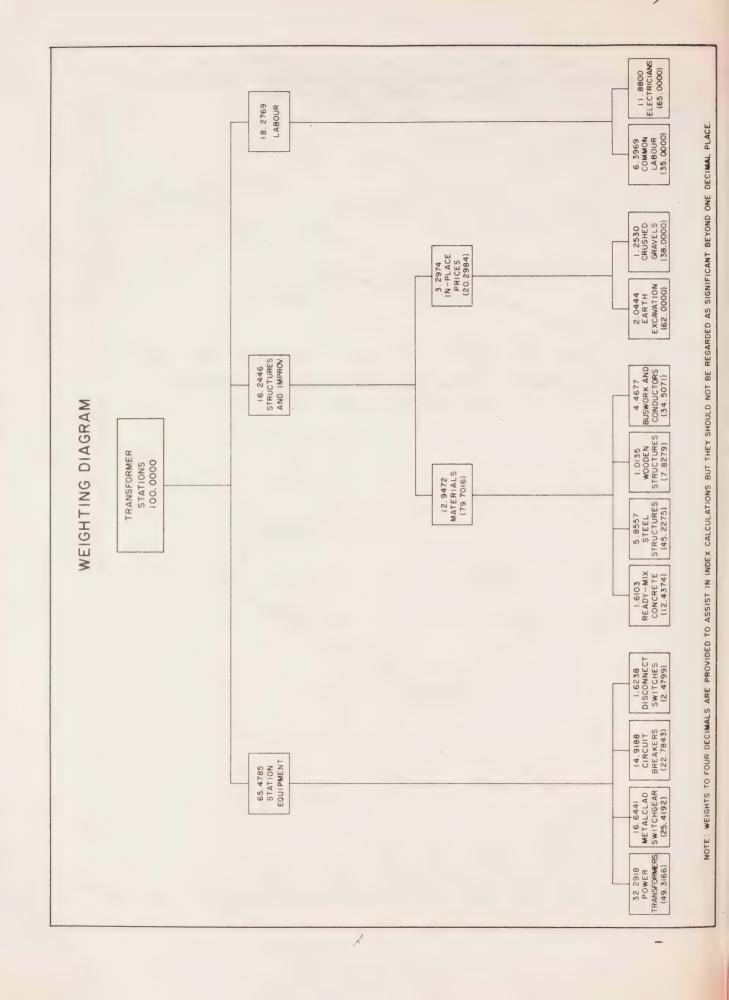
TABLE I. Price Indexes of Electric Utility Transformer Stations, Major Components and Items, Canada, Annually, 1956-69 (1961=100)

								Ind	Indexes		•			
Total, major components and items	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	Pre- limi- nary 1969
Transformer stations	115.2	118.1	109.0	113.5	109.8	100.0	105.1 ^r	107.6 ^r	112.0^{r}	118,3 ^r	122,5 ^F	121.2 ^F	117.1 ^r	119.9
Structures and improvements	110.1	105.6	101.3	102.6	103,3	100.0	102.6	108.9 ^r	112.9 ^r	124.0r	131.0 ^r	127.2 ^E	123,5 ^F	129.9
Materials	100.0	8.66	98° 9 ^r	9.66	100,5	100.0	100.4	103,4 ^r	108.8 ^r	117.15	122.1 ^r	118.6 ^r	117.3 ^r	124.7
Ready-mix concrete	99.8	100.0	100.0	100.0	100.0	100.0	100.3	104.2	107.3	112.0	118,3	121.7	123.2^{r}	126.9
Steel structures	92.3	97.4	0.66	8.66	100.6	100.0	100.1	102.4	107.1	114.7	115.7	109.8 ^r	110.2 ^r	119.8
Wooden structures	101.7 ^r	96.7 ^r	96.7 ^r	103.8 ^r	102.5	100.0	104.3 ^r	107.6 ^r	112,2 ^r	118.1 ^r	123,6 ^r	124.0 ^r	124.7 ^r	136.4
Buswork and conductors	109.6	103.5	0.66	98.3	100.2	100.0	100.0	103.5	110.8	121.8	131.6	127.9	122.7	127.6
In-place prices	149.9	128.5	110.6	114.3	114.1	100.0	111.2	130.4	129.0	151.0	166.1	160.6	148.1 ^r	150.3
Earth excavation	161.4	132.4	113.6	116.7	121.9	100.0	118.8	145.0	139.1	161.7	180.4	174.0	157.0 ^r	163.9
Crushed gravels	131.0	122,1	105.6	110.3	101.4	100.0	98.8	106.7	112.5	133.7	142.8	138.8	133.6r	128.1
Labour (1)	74.3	77.6	82.5	88.6	7.46	100.0	104.3	107.6	111.5	116.5	122.5	138.0	148.4 ^r	161.0
Common labourer	71.2	75.4	81.3	87.3	93.9	100.0	105.6	109.3	114.2	119.2	126.5	140.6	152.0F	164.8
Electrician	76.0	78.8	83.1	89.3	95.1	100.0	103.6	106.8	110.0	115.1	120.3	136.6	146.5 ^r	159.0
Station equipment	127.9	132.6	118.4	123.2	115.7	100.0	105.9 ^r	107.3r	111.9 ^r	117.4 ^r	120.4 ^r	115.1 ^r	106.7 ^r	105.9
Power transformers	142.5	154.3	130.6	136.3	121.5	100.0	108.3	105.8	109.8	115.2	116.6	115.1	104.1F	101.6
Power circuit breakers(2).	95.2	97.3	7.96	101.1	104.4	100.0	104.8 ^r	109.3 ^r	114.9 ^r	$(113.9)^{r}(2)$	(109.8) ^r (2)	$(99.6)^{r}(2)$	(92.2) ^r (2)	88.5
Metalclad switchgear	132.1 ^F	125,1 ^r	115.9 ^r	119,9 ^r	116.0 ^r	100.0	103.0r	109.0r	113.9 ^r	125.2 ^F	136.6 ^F	127.4 ^r	122.8 ^r	128.4
Disconnect switches	96°2r	100.7 ^r	98°81	97.2 ^r	99.9r	100.0	100.1r	102.4 ^r	107.1°	114.6 ^r	127.6 ^F	130,8 ^r	127.3 ^F	119.9
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									-					-

⁽¹⁾ See footnote (1), Table II.

(2) Indexes presented in brackets resulted from an interpolation between the 1964 and 1969 index levels, to which an adjustment was then made for changes in Federal Sales Tax. The indexes reflect the movement of purchase prices for new orders from Canadian electric utilities. For the period 1966 to 1964 such orders were usually won by domestic producers and only domestic producers, were included in the price sample. Price movement for the period 1969 in relation to 1964 was derived from a sample of off-shore and domestic producers.





\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5, No. 62



August 1970

CONTENTS

	Page .
1. Crude Petroleum and Natural Gas Production,	
April 1970, Catalogue No. 26-006	1
2. Oil Pipe Line Transport, May 1970, Catalogue	
No. 55-001	6

1. Crude Petroleum and Natural Gas Production April 1970, Catalogue No. 26-006

According to preliminary data, the production of crude petro-leum and equivalent hydrocarbons during April 1970 amounted to 34,188,365 barrels (1,139,612 barrels per day) a decrease of 0.9 per cent or 10,054 barrels per day from April 1969.

Preliminary figures of natural gas net new production in April 1970 indicate and increase of 15.3 per cent to 213,713,764 Mcf. from 185,429,564 Mcf. in April 1969.



	New Brunswick	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
Supply					barrels of 35	Canadian	gallons			
Domestic production Crude oil Synthetic crude oil		95,942	481,963	6,938,081	20,527,129 790,602 671,673	2,120,672	58,009	30,222,473 790,602 680,747		30,222,473
Totals	677	95,942	481,963	6,938,081	20,646,058	2,120,672	48,935	30,332,328		30,332,328
Condensate	1 1	1 1	8 1	32,758	48,406	9,539	1 1	57,945		57,945
Net withdrawals	677	95,942	481,963	6,970,839	24,373,964	2,216,045	48,935	34,188,365		34,188,365
Imports			:	:	:	:	•		16,444,808	16,444,808
Total supply	677	95,942	481,963	6,970,839	24,373,964	2,216,045	48,935	34,188,365	16,444,808	50,633,173
Disposition										
Atlantic Provinces Atlantic Provinces Quebec Ontario Manitoba Saskatchewan Alberta British Columbia Northwest Territories		95,942	280,403	3,780,663 601,777 130,485	5,691,261 638,381 902,152 2,283,905 1,473,772	2,123,941	71,199	9,848,269 1,255,825 1,032,637 2,283,905 3,597,103	3,831,571 12,611,769	3,831,571 12,611,769 9,848,269 1,255,825 1,032,637 2,283,905 3,597,713
Totals	4	95,942	296,070	4,512,925	10,989,471	2,123,941	71,199	18,089,548	16,443,340	34,532,888
Exports to U.S.A. Petroleum Administration District I II V		1 1 1 1	121,611	81,050 2,416,491	2,182,851 4,955,884 1,300,233 5,827,726	313,672	> 1 1 1	2,263,901 7,493,986 1,300,233 6,141,398	1 1 1 1	2,263,901 7,493,986 1,300,233 6,141,398
Totals	'	ŧ	121,611	2,497,541	14,266,694	313,672	1	17,199,518	1	17,199,518
Opening - Field and plant Transporters' Closing - Field and plant Transporters' Transporters'	1,170	2 1 1 2	72,017 17,114 72,388 80,905	460,000 5,094,469 456,000 5,048,842	1,633,705 29,399,020 1,451,525 28,649,227	69,264 1,412,405 75,278 1,280,854	138,669	2,374,825 35,923,008 2,173,557 35,059,828	359,835	2,374,825 36,282,843 2,173,557 35,419,663
Net change	147	,	64,162	- 49,627	- 931,973	- 125,537	- 21,620	- 1,064,448	1	- 1,064,448
Deliveries to other purchasers Pipeline fuel Field and plant use	427	1 1 1 1	120	10,000	7,006 10,485 40,445 - 8,164	46	779 -	6,835 10,485 50,451 - 104,024	1,468	6,835 10,485 50,451 - 102,556
Total disposition	677	95,942	481,963	6,970,839	24,373,964	2,216,045	48,935	34,188,365	16,444,808	50,633,173
Figures not appropriate or not applicable.	plicable.									

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, April 1970

		New Brunswick	Quebec	Ontario	Saskatchewan
lo.			Mcf	•	
	A. FIELD AND PROCESSING PLANTS	1	1	1	
	Supply				
1	Gross new production	10,595	16,972	1,651,578	6,191,87
2	Less field flared and waste	-	-	-	863,01
3	Net new production (1 - 2)	10,595	16,972	1,651,578	5,328,85
4	Reproduced		-	-	-
5	Less injected and stored	-	-	-	5 000 05
6	Net withdrawals	10,595	16,972	1,651,578	5,328,85
	Disposition				
7	Field disposition and uses	156	-	-	318,27
8	Gathering system disposition and uses Processing plant disposition and uses:	-	-	-	40,77
9 9a	Processing shrinkage	-	-	-	160,39 164,3
9Ъ 0	Other disposition and uses	-	-	-	79,5
1	Adjustment	-	16.070	1 651 570	4,565,4
2	Deliveries of marketable gas	10,439	16,972	1,651,578	
3	Total disposition	10,595	16,972	1,651,578	5,328,8
	B. GAS UTILITIES				
	Supp1y				
4	Receipts of marketable gas				
.4a	Plants	10,439	16,972	1,651,578	1,788,9 2,776,4
4b	Fields	10,439	16,972	1,651,578	4,565,4
5	Total (14a + 14b)		10,372		327,3
6	Receipts from distributor storage	-	••	2,138,661	327,3
7a	Other receipts(1)		-	•	
.8	Total supply of marketable gas (15 + 16 + 17 + 17a)	10,439	16,972	3,790,239	4,892,8
	Disposition				
	Sales				
.9	British Columbia	-	-	-	
0	Alberta	-	-	-	4,651,3
2	Manitoba	_	-	-	
:3	Ontario	-	-	4,556,662	
4	Quebec New Brunswick	6,451	16,972	-	
. 5	Total sales (19 to 25 inclusive)	6,451	16,972	4,556,662	4,651,
			-	_	
27 28	Other deliveries(2)	-		_	
29	Delivered to distributor storage	-	-	-	287,7
30	Pipeline line pack fluctuation	-	-	-	- 32,
31	Pipeline fuel	94	-	28,027	1,322,
32	Pipeline losses etc.	3,894	-	- 794,450	- 1,335,
33	Total disposition of marketable gas (26 to 32 inclusive)	10,439	16,972	3,790,239	4,892,

L.P.G. for gas enrichment, peak shaving or temporary supply.
 Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, April 1970

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
		Mcf.			
182,217,290 3,738,388	29,291,371 1,066,895	43,593 41,210	219,423,273 5,709,509		219,423,273 5,709,509
178,478,902	28,224,476	2,383	213,713,764		213,713,764
22,141,730	609,469	-	22,751,199		22,751,199
156,337,172	27,615,007	2,383	190,962,565		190,962,565
718,626 - 68,422	1,310,516 - 4,275	-	2,347,570 - 31,918		2,347,570 - 31,918
22,827,641 7,453,976 91,006 1,116,199 124,198,146	546,691 2,824,706 - 23,373 22,913,996	2,383	23,534,727 10,443,058 172,956 1,139,572 153,356,600		23,534,727 10,443,058 172,956 1,139,572 153,356,600
156,337,172	27,615,007	2,383	190,962,565		190,962,565
103,445,132 20,753,014 124,198,146	22,431,374 482,622 22,913,996	-	127,665,491 25,691,109 153,356,600		127,665,491 25,691,109 153,356,600
23,977	-	-	2,490,025		2,490,025
- 53,137	10	-	- 53,127	999,464	999,464 - 53,127
124,168,986	22,914,006	-	155,793,498	999,464	156,792,962
897,430 20,622,117 4,023,024 5,744,092 34,710,704 4,397,435	6,773,381	-	7,670,811 20,622,117 8,674,345 5,744,092 39,267,366 4,414,407 6,451	10,498 - 989,671	7,670,811 20,632,615 8,674,345 5,744,092 40,257,037 4,414,407 6,451
70,394,802	6,773,381	-	86,399,589	1,000,169	87,399,758
52,250,713 171,465 3,525,256 336,051 4,980,327 - 7,489,628	14,371,744 - - - 3,114 1,505,426 266,569	- - - - - -	66,622,457 171,465 3,813,019 300,291 7,836,094 - 9,349,417	- - - - - 705	66,622,457 171,465 3,813,019 300,291 7,836,094 - 9,350,122
124,168,986	22,914,006		155,793,498	999,464	156,792,962

2. Oil Pipe Line Transport, May 1970, Cat. No. 55-001

Net receipts of crude oil, condensate, pentanes plus and refined petroleum products by Canadian oil pipe lines during May increased 17.4 per cent to 1,787,200 B/D from 1,522,900 B/D for the same period of the preceding year; domestic oils amounted to 1,406,800 B/D (up 13.6 per cent) and imported oils were 380,400 B/D (up 33.6 per cent).

Net deliveries of crude oil, condensate, pentanes plus and refined petroleum products during the month rose 16.1 per cent to 1,792,000 B/D from 1,544,100 B/D last year. Included in the month's deliveries were 1,262,600 B/D to domestic points (up 21.7 per cent) and 529,400 B/D for export (up 4.4 per cent).

For the five-month period, net receipts of all commodities were 2,057,700 B/D, and increase of 14.3 per cent over the same period of 1969; deliveries rose 14.6 per cent, to 2,058,400 B/D. The imports by pipe line for the period increased to 431,100 B/D while the exports of the same commodities rose to 688,900 B/D, increases of 14.5 per cent and 27.9 per cent, respectively.

Total traffic for May amounted to 26,126 million barrel miles with an average length of haul of 470.3 miles.

Oil held by Canadian pipe line systems totalled 24,396,881 barrels by the end of May. Inventories of crude oil and equivalent decreased by 311,759 barrels, while inventories held in Canada and the United States increased by 21,095 barrels.

Oil Pipe Line Supply and Disposition

		May	1970		Year to d	ate 1970
Supply and disposition	Crude oil and equiva- lent	Refined petroleum products and L.P.G.'S.	Total volume	% change from May 1969	Total volume	% change from previous year
			'000 barre	ls per day		
Net receipts						
Domestic	1,180.1 376.7	226.7 3.7	1,406.8 380.4	+ 13.6 + 33.6	1,626.6 431.1	+ 14.2 + 14.5
Total net receipts	1,556.8	230.4	1,787.2	+ 17.4	2,057.7	+ 14.3
Net deliveries						
Domestic Exports	1,043.1 518.1	219.5 11.3	1,262.6 529.4	+ 21.7 + 4.4	1,369.5 688.9	+ 8.9 + 27.9
Total net deliveries	1,561.2	230.8	1,792.0	, + 16.1	2,058.4	+ 14.6
Inventory change (barrels)	21,095	- 17,868	3,227	-	- 238,109	-

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August 1970

Fuel used to Generate Electricity 1969

Preliminary data indicate that thermal generation of electric energy by public and private utilities amounted to 36,879,613 thousand kwh. in 1969 compared with 36,570,557 thousand kwh. in 1968, an increase of 0.8%. This significantly smallar increase than those of the past few years is accounted for by the considerable increase in hydro generation in 1969 especially in the provinces of New Brunswick, Saskatchewan and British Columbia. Coal was used to generate 69% of the energy with petroleum fuels and natural gas accounting for 18% and 12% respectively. Nuclear generation amounted to 1% of the total.

The quantity of coal used to generate electricity increased by 7% to 11,873,750 tons in 1969 from 11,098,800 in 1968, accounting for approximately 44% of the total coal consumption in Canada. During the same period the amount of petroleum fuels used for electric generation decreased by 3% while the amount of natural gas used also decreased by 26%.

Utilities spent \$119,596,927 on fuel compared with \$116,131,236 in 1968. Coal accounted for 64% of the cost followed by petroleum fuels and natural gas with 27% and 9% respectively.

Fuel Used to Generate Electricity, 1969

			Canada	New- foundland	Prince Edward Island	Nova Scotia
No.						
	Electric utilities - Publicly and privately- operated					
	Quantity of fuel:					
	Coal:					
1 2	Bituminous - Canadian ' Imported	short ton	1,599,060 6,386,838	-	-	762,138
3	Sub-bituminous	11	2,613,112	-	-	_
4 5	Saskatchewan lignite Other	11	1,274,740	-	-	-
6	Total coal	short ton	11,873,750	_	_	762,138(1)
	Petroleum fuels:					,(-)
7	Furnace fuel oil - Light	Imp. gallon	19,913,624	_		673,511(1)
8	Heavy	11	367,667,050	9,030,024	17,734,104	46,351,693
9	Diesel fuel oil	11	33,719,200 262,111	4,746,638	62,388	2,014,256
11	Total petroleum fuels	Imp. gallon	421,561,985	13,776,662	17,796,492	49,039,460
	Cas:					
12 13	Natural Manufactured	M. cu. ft.	58,853,928	-		-
14	Total gas	M. cu. ft.	58,853,928	_	-	-
15	Other fuels - Propane	**	12,852	_	-	-
	Cost of fuel:					
	Coal:					
16 17	Bituminous - Canadian	\$	14,137,474 56,577,600	-	-	6,675,134
18	Sub-bituminous	\$	3,347,580	_	_	
19	Saskatchewan lignite	\$	2,306,100	-	-	-
21	Total coal	\$	76,368,754	_	-	6,675,134(1)
	Petroleum fuels:	,				0,0,0,1
22	Furnace fuel oil - Light	\$	2,573,044		_	85,739(1)
23	Heavy	\$	23,093,481	598,809	1,145,291	2,942,933
24 25	Diesel fuel oil	\$	6,370,056 29,813	993,164	8,479	234,142
26	Total petroleum fuels	\$	32,066,394	1,591,973	1,153,770	3,262,814
	Gas:					
27 28	Natural Manufactured	\$	11,136,153	-	-	-
29	Total gas	\$	11,136,153	-	-	_
30	Other fuels - Propane	\$	25,626	-	-	-
31	Total all fuels	\$	119,596,927	1,591,973	1,153,770	9,937,948
32	Per cent of total for Canada		100.00	1.33	0.97	8.31
See f	ootnote(s) at end of table.					

Fuel Used to Generate Electricity, 1969

New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon	Northwest Territories	
164,987	-	671,800 6,386,838	135	-	-	-	-	-	
-	-	-	55,600	14,357 1,219,140	2,598,755	-	-	-	
164,987(1)	_	7,058,638(1)	55,735(1)	1,233,497	2,598,755		-	-	
830,536(1) 79,575,933	1,814,252 189,319,064	15,996,072(1)	401,367(1)	9,388,527	14,720,090	197,886 438,506	-	1,109,109	
755,311	4,559,164	3,973,183(2)	4,146,482 56,545(3)	426,245	1,334,350	8,084,437 205,566(4)	1,095,986	2,520,760	
81,161,780	195,692,480	19,969,255	4,604,394	9,814,772	16,054,440	8,926,395	1,095,986	3,629,869	1
-	-	375,006(2)	53,046	13,788,058	37,947,220	6,690,598	-	-	
Er .	-	375,006	53,046	13,788,058	37,947,220	6,690,598	-	_	1
-	-,	-		-	-	12,852	~	-]
1,386,986	-	6,073,304 56,577,600	2,050	-	<u>-</u>	- -	-	-	1 1
-	-	•	264,422	58,896 2,041,678	3,288,684	-	-	-	1 1 2
1,386,986(1)	-	62,650,904(1)	266,472(1)	2,100,574	3,288,684		-		2
111,881(1) 4,730,460	189,989 12,446,400	2,093,611(1)	57,345(1)	422,948	583,721	34,479 29,360	-	193,559	2 2
117,740	786,824	832,261(2)	730,738 11,620(3)	72,503	243,599	1,390,393 18,193(4)	304,036	656,177	2 2
4,960,081	13,423,213	2,925,872	799,703	495,451	827,320	1,472,425	304,036	849,736	2
-	-	169,928(2)	17,446	2,942,082	6,598,428	1,408,269	-	-	2 2
-	**	169,928	17,446	2,942,082	6,598,428	1,408,269	-	_	2
-	-			-		25,626	~	-	3
6,347,067	13,423,213	65,746,704	1,083,621	5,538,107	10,714,432	2,906,320	304,036	849,736	3
5.31	11.22	54.97	0.90	4.63	8.96	2.43	0.26	0.71	3

Fuel Used to Generate Electricity, 1969 - Concluded

No.			Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities — Publicly and privately-operated — Concluded					
	Average B.t.u. content of fuel:					
	Coal:					
1 2	Bituminous — Canadian	per pound	12,818 13,108	-	-	12,868
3 4 5	Sub-bitumous Saskatchewan lignite Other	0 11	7,975 6,528	-	-	en en
	Petroleum fuels:					
6 7 8 9	Furnace fuel oil — Light Heavy Diesel fuel oil Other	per Imp. gal.	160,598 181,248 164,575	180,320 165,510	182,456 172,200	167,020 180,353 166,200
	Gas:					
10 11	Natural pe Manufactured	r stand. cu. ft.(5)	1,085	-	-	-
12	Other fuels — propane pe	r stand. cu. ft. (5)	2,500	-		~
	Energy generated(6):					
	By coal:					
13 14	Bituminous — Canadian	1000 kwh.	3,413,975 17,013,917		-	1,453,886
15 16 17	Sub-bituminous Saskatchewan lignite Other	H H	3,951,732 1,151,665	** *** ***	-	-
18	Total coal	1000 kwh.	25,531,289	40	-	1,453,886(1)
	By petroleum fuels:					
19 20	Furnace fuel oil - Light	11	166,499 5,881,004	116,206	217,776	1,023(1) 641,754
21 22	Diesel fuel oil	ff 51	411,233 - 1,692	45,566	211	16,821
23	Total petroleum fuels	'000 kwh.	6,457,044	161,772	217,987	659,598
	By Gas:					
24 25	Natural Manufactured	88	4,392,211	-	-	1
26	Total gas	'000 kwh.	4,392,211	-	-	-
27	By other fuels	11	496,358	-	-	*
28	Total all fuels	'000 kwh.	36,876,902(9)	161,772	217,987	2,113,484
29	Per cent of total for Canada		100.00	0.44	0.59	5.73
(1)	Fuel oil used in coal - fired stations for in	nitial steam — raisi	ng; no resulting	generation (189.837 Tmp. ga	ls. in Nova

Fuel oil used in coal - fired stations for initial steam - raising; no resulting generation (589,837 Imp. gals. in Nova Scotia, 830,536 Imp. gals. in New Brunswick, 2,263,879 Imp. gals. in Ontario and 297,526 Imp. gals. in Manitoba).
 Fuel oil used in gas - fired station as pilot - 183,524 Imp. gals.
 Jet fuel.
 Crude oil.

Fuel Used to Generate Electricity, 1969 - Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon	Northwest Territories	No.
•									
11,900	-	12,988 13,108	13,500		-	-	-	-	1 2
-	-	- - -	7,131	8,600 6,500	7,953 - -	-			3 4 5
167,000 184,267 164,922	169,118 180,300 163,966	158,766 - 164,081 -	167,107 - 164,377 150,000(3)	180,000 169,969	180,467 163,304	169,000 182,540 164,038 159,440(4)	163,804	173,688 165,230	
-	on.	1,012	1,030	1,004	1,122	1,048	-	-	10
-	-	-	-	-	-	2,500	-	-	11
318,970	-	1,641,149 17,013,917	- 30	-	-	-	-	-	13
	-	**	33,409	20,001	3,931,731	- - -	- - -	-	15 16 17
318,970(1)	-	18,655,066(1)	33,379(1)	1,138,257	3,931,731	-	-	**	18
- (1) 1,270,663	29,388 3,354,601	134,019(1)	405(1)	124,414	133,882	1,664 4,115	-	17,593	19
10,147	65,213	54,951(2)	36,529 445(3)	6,188	16,773	112,644 - 2,137(4)	14,028	32,162	21 22
1,280,810	3,449,202	188,970	37,379	130,602	150,655	116,286	14,028	49,755	23
-	-	35,526(2)	2,644	988,691	2,747,699	617,651	-	-	24 25
-	-	35,526	2,644	988,691	2,747,699	617,651	-	-	26
1 500 700		493,765(7)	-	-	-	2,593(8)	-	-	27
1,599,780	3,449,202	19,373,327	73,402(9)	2,257,550	6,830,085	736,530	14,028	49,755	28
4.34 (5) Standard (9.35	52.54 60 mm. Mercury 60	0.20	6.12	18.52	2.00	0.04	0.13	29

⁽⁵⁾ Standard Cubic Foot - 760 mm. Mercury 60° F.
(6) Net generation after deducting station service.
(7) Nuclear.
(8) Propane.
(9) Excluding 2,711,000 kwh. for which fuel data are not available.



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Catalogue No. 57-002 Vol. 5, No. 64

August 1970

Preliminary Electric Power Statistics, June 1970 Catalogue No. 57-001

In June 1970 net generation rose 8.6% to 15,789,733 thousand kwh. from 14,539,497 thousand kwh. in June 1969. Increases in net generation occurred in all provinces except British Columbia where there was a decrease of 2.2%. The largest increases occurred in Newfoundland and Yukon Territory where they amounted to 50.8% and 113.1% respectively. Hydro generation increased 6.7% in June over the same period last year, while thermal generation increased 17.6%.

Imports increased 16.7% and exports increased 41.6% compared with June 1969. Firm energy consumption increased 7.9%.

Total generation for the twelve month period ending June 30, 1970 amounted to 198,076,085 thousand kwh. compared with $196,825,849^{\rm r}$ thousand kwh. for the twelve month period ending May 31, 1970.

Seasonally adjusted net generation in June 1970 amounted to 17,107 million kwh. compared with 16,791 million kwh. in May and 17,071 million kwh. in April. Firm energy consumption amounted to 16,584 million kwh. on a seasonally adjusted bases. The comparable figures for May and April were 16,357 million kwh. and 16,693 million kwh. respectively.



6503-521

DBS REGIONAL OFFICES-St. Johns • Halifax • Montreal • Ottawa • Toronto • Winnipeg • Edmonton • Vancouver

Preliminary Electric Energy Statistics

(thousand Kwh.)

		June	
	1968	1969	1970
	10 552 605	12 027 275	10 0/0 50/
Net generation - Hydro Thermal	10,553,605 2,748,689	12,037,375 2,502,122 ^r	12,848,584 2,941,149
			_,,,
Total net generation	13,302,294	14,539,497 ^r	15,789,733
Energy imported from U.S.A	253,975	157,352	183,662
Energy exported to U.S.A.:			
Firm	58,561	68,953	73,475
Secondary	139,059	263,796	397,623
Total exported to U.S.A	197,620	332,749	471,098
Net energy used in Canada	13,358,649	14,364,100 ^r	15,502,297
Secondary energy used in Canada	91,703	135,537 ^r	145,401
Firm energy used in Canada	13,266,946	14,228,563 ^r	15,356,896

r Revised figures.

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Government Publications

August 1970

Catalogue No. 57-002 Vol. 5, No. 65

Preliminary Propane Statistics, February 1969 and February 1970

Production of propane for February 1970 amounted to 1,999,323 barrels. This was an increase of 203,351 barrels over the same month last year.

Sales to distributors were 1,321,336 barrels as compared with 1,163,235 barrels during February 1969.

The export of propane for the month was 1,127,498 barrels, an increase of 15.6 per cent over February 1969.

These statistics show provincial source and end disposition of the product, without taking into account intermediate interprovincial transfers.

Statistics for succeeding months and prior years will be issued in the DBS Service Bulletin in the same format as they become available.



6503-521

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	Canadi	an Propane	, Subbita a	nd Disposition				
,	Atlantic	Quebec	Ontario	Manitoba and Saskat- chewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
				bar	rels			
February 1969								
<u>Supply</u>								
Refinery production	40,880	146,710	197,352	29,783	1,250,671	27,347 43,132	-	442,072 1,353,900
Gas Processing plant production(1)		1,650	-	60,097	-	-	-	1,650
Interprovincial "IN"	(1,427)	67,707 16,660	164,834 (13,225)	206,372 66,016	3,180 553,386	107,985 (3,677)	8,551	617,733
Inventory Change							0 551	
fotals	39,453	232,727	348,961	362,168	1,807,237	174,787	8,551	2,415,355
Disposition								
Plant and refinery use		9,800	500	3,098	2,030 516	-	-	15,428
Gas enrichment	-	-	-	-	_	-	-	-
Petrochemicals and Industrial(2)	38,781	24,799 177,544	110,553 215,999	278,713	114,541 260,760	1,436	8,551	251,329 1,163,235
Distributors								33,011
District 1	-	-	-	61,985	33,011 191,527	-		253,512
District 1V	-	~	-	-	165,270 145,675	863	-	165,270 146,538
District V	-	-	_	_	374,218	2,220	-	376,438
Losses or gains	(203) (663)	(28)	(141) 22,050	246 105	33,833 (48,179)	(27) (17,117)	-	33,680 (23,602)
Adjustments Interprovincial "OUT"	1,538	410		18,021	534,035	4,525	_	
Totals	39,453	232,727	348,961	362,168	1,807,237	174,787	8,551	2,415,355
<u>February 1970</u>								
Supply								
Retinery production	50,555	173,415	155,950	27,989	1,400	24,865	-	434,174
Gas Processing plant production(1)	-	1,532		52,961	1,475,286	36,902	-	1,565,149
Imports Interprovincial "IN"		124,757	202,618	201,691	3,442	44,714	9,880	
Inventory change	(2,935)	(7,773)	173,488	884	456,472	531	_	620,667
Totals	47,620	291,931	532,056	283,525	1,936,600	107,012	9,880	2,621,522
Disposition								
Plant and refinery use	_	6,786	300	7,434	2,192	-	-	16,712
Gas enrichment	-	-	-	-	1,087	-	-	1,087
Miscible flood	-	27,311	103,540	54	112,609	1,952	-	245,466
Distributors	47,162	251,831	448,467	220,117	248,316	95,563	9,880	1,321,336
District 1	-	-	-	-	106,525	-	-	106,525
District 11	-	-		43,730	547,695	-	_	591,425 42,033
District V	-	-	-	-	116,936	7 / 82	-	116,936 270,579
Offshore	-	(47)	865	265	263,097	7,482	-	11,128
Adjustments Interprovincial "OUT"	458	(27,525) 33,575		(1,433) 13,358	(52,048) 558,072	2,097	-	(101,705)
	47 620		532,056	283,525	1,936,600	107,012	9,880	2,621,522
Totals	47,620	291,931	332,030	203,323	1,730,000	107,012	,,000	1,022,022

⁽¹⁾ Excludes returned to formation.
(2) Identifiable industrial sales have been allocated to this category. Distributor sales may contain sales to industrial.

\$5.00 A YEAR

Catalogue No. 57-002
Vol. 5, No. 66

August 1970

CONTENTS

		Page
1.	Crude Petroleum and Natural Gas Production May	
	1970, Catalogue No. 26-006	1
2.	Sales of Natural Gas, June 1970, Catalogue	
	No. 55-002	6

1. Crude Petroleum and Natural Gas Production May 1970, Catalogue No. 26-006

According to preliminary data, the production of crude petroleum and equivalent hydrocarbons during May 1970 amounted to 36,882,814 barrels (1,189,768 barrels per day) an increase of 11.5 per cent or 123,032 barrels per day from May 1969.

Preliminary figures of natural gas net new production in May 1970 indicate an increase of 20.8 per cent to 201,437,334 Mcf. from 166,768,834 Mcf. in May 1969.



1970	
May	
Canada,	
Source,	
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Equivalent,	
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Crude	
n of	
Disposition	
pur	
Supply	
7	
TABLE	

	New Brunswick	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
Supply					barrels of 35	Canadian	gallons			
Domestic production Crude oil	623	93,571	498,277	7,611,730	22,252,636 1,132,680 566,553	2,170,161	26,973	32,653,971 1,132,680 569,227		32,653,971 1,132,680
Totals	623	93,571	498,277	7,611,730	22,818,763	2,170,161	24,299	33,217,424		33,217,424
Condensate	1 1	1 1		34,250	48,728	10,426	4 4	59,154		
Net withdrawals	623	93,571	498,277	7,645,980	26,359,184	2,260,880	24,299	36,882,814		36,882,814
Laports			:	•	:	:			16 196 287	16 106 207
Total supply	623	93,571	498,277	7,645,980	26,359,184	2,260,880	24.299	36 887 817	16 106 207	107,001,01
Disposition								,200,	10,120,207	101,6/0,66
Deliveries to refineries Atlantic Provinces										
Quebec	1 1	1 1	1 1	1 1	()	i i	ı			4,301,653
Manitoba	1 1	101,309	373,118	4,021,617	6,074,166		i i	10,570,210	11,809,088	11,809,088 10,654,438
Saskatchewan	1	1	+20°01	193,634	1,829,386	1 1	1 (1,103,480	1	1,103,480
British Columbia Northwest Territories	1 1 1	1 1	1 1	F - E	3,396,661	2,256,003	1 4	3,396,661	1 1 1	2,023,020 3,396,661
Totals			1		1	'	76,650	76,650	1	76,650
Exports 7 11 CA	1	101,309	389,142	4,721,362	13,552,275	2,256,003	76,650	21,096,741	16,194,969	37,291,710
Petroleum Administration District I	,	1		42,248	7 530 877					
II	1 1	1 1	132,463	2,348,656	4,503,176	1 1	1 1	6,984,295	8 8	2,573,125 6,984,295
Λ	,	1	,	1	5,100,845	339,074	1 1	1,079,814 5,439,919	1 1	1,079,814 5,439,919
Totals	1	1	132,463	2,390,904	13,214,712	339,074		16,077,153	,	16.077.153
Inventories Opening - Field and plant	1,317	,	72,388	000 957	1 7.51 696	0				
Closing - Field and plant	- 1	t	80,905	5,048,842	28,649,227	1,280,854	117,049	2,173,557	359,835	2,173,557
	-, +, -	1 1	58,832	458,000 5,568,556	1,476,702	1,187,750	63,410	2,191,573	835	2,191,573
Net change	85	1	- 22,885	521,714	- 358,265	- 47,899	- 53,639	39.111		39 111
Deliveries to other purchasers	477	,	,		18,931	,	1 288	20 606		777,00
Field and plant use	1 1	1 1	1 1	12 000	7,897	í		7,897	1 4	7,897
Losses and adjustments	61	- 7,738	- 443	1000	- 140,310	- 286,298	1 1	75,944	1,318	75,944 - 433,410
Total disposition	623	93,571	498,277	7,645,980	26,359,184	2,260,880	24,299	36,882,814	-	53,079,101
Figures not appropriate or not applicable.	licable.									

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, May 1970

		New Brunswick	Quebec	Ontario	Saskatchewan
0.			Mcf	•	
	A. FIELD AND PROCESSING PLANTS	1	1	1	
	Supply				
1	Gross new production	9,413	11,773	1,569,602	5,992,60
2	Less field flared and waste	-	-	-	942,98
3	Net new production (1 - 2)	9,413	11,773	1,569,602	5,049,62
4	Reproduced	-	_	-	-
5	Net withdrawals	9,413	11,773	1,569,602	5,049,62
J	Net withdrawais	7,413	11,775	1,505,002	3,042,0
	Disposition				
7	Field disposition and uses	133	-	-	297,78
8 9	Gathering system disposition and uses Processing plant disposition and uses:	-	-	-	40,7
9a 9b	Processing shrinkage Other disposition and uses	-	-	-	178,0° 194,6°
90	Other uses	-	-	-	69,6
2	Adjustment Deliveries of marketable gas	9,280	11,773	1,569,602	4,268,7
3	Total disposition	9,413	11,773	1,569,602	5,049,6
,		7,423	11,,,,	1,303,002	3,043,0
	B. GAS UTILITIES				
	Supply				
4	Receipts of marketable gas				
4a	Plants			-	1,950,7
4Ъ	Fields	9,280	11,773	1,569,602	2,317,9
5	Total (14a + 14b)	9,280	11,773	1,569,602	4,268,7
6	Receipts from distributor storage	-	-	223,076	28,0
7 7a	Imports Other receipts(1)	-	-	-	
8	Total supply of marketable gas				
	(15 + 16 + 17 + 17a)	9,280	11,773	1,792,678	4,296,7
	Disposition				
	Sales				
9	British Columbia	-	-	-	
1	Alberta	-	-	-	2,432,9
2	Manitoba	-	-	-	
3	Ontario	-	- 11 770	2,106,749	
÷ 5	Quebec	4,414	11,773		
6	Total sales (19 to 25 inclusive)	4,414	11,773	2,106,749	2,432,9
7	Exports	.,	-	-,,-	
8	Other deliveries(2)	_	_	-	
9	Delivered to distributor storage	-	-	-	1,282,9
0	Pipeline line pack fluctuation	-	-	-	196,9
2	Pipeline fuel	4,866	-	21,505 - 335,576	1,324,7
		4,000		333,370	
3	Total disposition of marketable gas (26 to				

L.P.G. for gas enrichment, peak shaving or temporary supply.
 Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, May 1970

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	
		Mcf.				+
174,026,766	25,819,343	38,611	207. / (2.110			
4,049,066	1,001,615	37,115	207,468,110 6,030,776		207,468,110 6,030,776	
169,977,700	24,817,728	1,496	201,437,334		201,437,334	
23,075,882	382,950	-	23,458,832		23,458,832	
146,901,818	24,434,778	1,496	177,978,502		177,978,502	\dashv
646,494	799 , 544 5,887		1,743,954 - 562,385		1,743,954 - 562,385	
21,050,361 7,572,740	463,369 3,040,493	-	21,691,803 10,807,887		21,691,803 10,807,887	
87,761 - 889,933	- 243,067	1,496	158,879 - 1,133,000		158,879 - 1,133,000	
119,043,446	20,368,552	-	145,271,364		145,271,364	
146,901,818	24,434,778	1,496	177,978,502		177,978,502	
99,586,261 19,457,185	19,895,317 473,235	-	121,432,331 23,839,033	• • •	121,432,331 23,839,033	
119,043,446	20,368,552	~	145,271,364		145,271,364	1
22,312	-	-	273,404	1 (/2 005	273,404	
3,685	-	-	3,685	1,643,925	1,643,925	
119,069,443	20,368,552	-	145,548,453	1,643,925	147,192,378	
833,127 16,615,862	5,485,079	-	6,318,206 16,615,862	5,249	6,318,206 16,621,111	1
3,995,991 3,986,162	-	-	6,428,972 3,986,162		6,428,972 3,986,162	4 64 64
25,913,933 3,845,793	-	-	28,020,682 3,857,566	1,638,819	29,659,501 3,857,566	2 2
	-	-	4,414	-	4,414	2
55,190,868	5,485,079	-	65,231,864	1,644,068	66,875,932	2
50,030,135	13,921,585	-	63,951,720 672,649	-	63,951,720 672,649	2
11,572,511	69,016	-	12,855,500		12,855,500	2
4,885,039	1,088,518	-	7,319,858	-	7,319,858	3
- 3,244,236	- 195,646	-	- 4,711,570	- 143	- 4,711,713	3

2. Sales of Natural Gas, June 1970, Catalogue No. 55-002

Total sales of natural gas to Canadian consumers for June amounted to 53,239,191 Mcf. This was an increase of 7.1% over the same month last year. Revenue from sales was \$30,625,513.

Sales for the first six months of 1970 were 513,696,620 Mcf. This was an increase of 8.1% over the same period last year. Exports continued to rise over the period amounting to 388,937,056 Mcf., an increase of 17.9%, while imports were 4,974,746 Mcf., a decrease of 76.9%. Export revenues were up 21.8%.

Sales of Natural Gas, June 1970

	Custome	ers	0	D .
	Space heating	Total	Gas sold Mcf. 2,474 259,894 3,854,559 674,195 952,052 2,123,659 785,154 8,651,987 1,507 320,827 3,096,735 554,572 569,292 1,794,416 967,884 7,305,233 2,694,696 17,501,699 1,283,628 3,849,244 9,633,727 2,318,977 37,281,971 27,808,728 9,473,243 3,981 3,275,417 24,452,993 2,512,395 5,370,588 13,551,802 4,072,015 53,239,191 61,037,764	Revenue
	No.		Mcf.	\$
Residential:				
New Brunswick	130	1,597		7,431
Quebec	105,678	201,588		862,551
Ontario	590,855	729,657		5,550,942
Manitoba	112,152	114,209		678,493
Saskatchewan	122,687	125,172		956,192
Alberta	274,810	277, 251		1,500,638
Canada	186,494 1,392,806	215,251		1,025,716 10,581,963
Commercial:				
New Brunswick		54	1,507	3,244
Quebec		10,049		384,974
Ontario		69,432		2,830,662
Manitoba		11,087		406,802
Saskatchewan		17,188		362,584
Alberta		31,103		748,022
British Columbia		28,314	967,884	901,557
Canada	• • • • • • • • • • • • • • • • • • • •	167,227	7,305,233	5,637,845
Industrial:				
New Brunswick		_		
Quebec		1,954	2,694,696	1,285,825
Ontario		8,704		8,877,686
Manitoba		322		391,426
Saskatchewan		652		1,032,386
Alberta		986		1,822,896
British Columbia		373		995,486
Canada	• • • • • • • • • • • • • • • • • • • •	12,991		14,405,705
Firm		12,283	27,808,728	10,917,324
Interruptible		708		3,488,381
Total sales:				
New Brunswick		1,651	3,981	10,675
Quebec		213,591		2,533,350
Ontario		807,793	24,452,993	17,259,290
Manitoba		125,618	2,512,395	1,476,721
Saskatchewan		143,012		2,351,162
Alberta		309,340		4,071,556
British Columbia		243,938		2,922,759
Canada		1,844,943	53,239,191	30,625,513
Total exports			61,037,764	16,866,782
Total imports			1,598,389	704,601

For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613

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Covernment Publications

Catalogue No. 57-002 Vol. 5, No. 67



August 1970

Preliminary(1) Report on Coal Production, July 1970

Preliminary data indicate that coal production for the month of July 1970 amounted to 1,197,647 tons, an increase of 81.6% from the July 1969 preliminary production figure of 659,645 tons. This increase results from the continuing growth of thermal generation in the Prairie Provinces, but more particularly from the fact that shipments of British Columbia and Alberta bituminous coal to Japan, under long-term contracts with the Japanese steel industry, began in 1970. A comparaison of the 1970 cumulative data with those for the same period of last year also shows this development. Landed imports were 1,695,807 tons compared with 2,184,239 tons for the same period last year.

(1) Advanced publication of data included in Monthly publication No. 45-002 Coal and Coke Statistics.



6503-521

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Production and Landed Imports of Coal, by Provinces

	196	9	19	70
	Production(2)	Landed imports(1)	Production(2)	Landed imports(1)
		net tons of 2	,000 pounds	
July 1970				
Newfoundland Nova Scotia New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta - Bituminous Sub-bituminous British Columbia and Yukon Canada totals	221,137 59,583 - 79,703 109,885 119,353 69,984	24,872 87 77,260 2,081,252 562 206	164,503 31,194 - 156,929 280,697 208,259 356,065	25,885 316 48,112 1,620,403 560 531
			-,,	
Seven months ended July Newfoundland Nova Scotia New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta - Bituminous Sub-bituminous British Columbia and Yukon	1,760,609 385,920 - 1,090,143 712,289 1,723,194 500,078	3,508 352,994 395 370,534 8,342,234 4,070 1,065	1,330,767 261,925 - 1,642,029 1,277,663 2,148,367 1,417,350	1,349 219,171 834 255,215 8,690,096 2,466 1,203
Canada totals	6,172,233	9,075,181	8,078,101	9,170,334

⁽¹⁾ Supplied by the Department of Energy, Mines, and Resources do not necessarily agree with figures reported in Trade of Canada.

⁽²⁾ All figures are preliminary.

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August 1970

Page

Catalogue No. 57-002. Vol. 5, No. 68



	6 -
1. Principal Statistics for the Crude Petroleum and Natural	
Gas Industry (S.I.C. 064) 1967, by provinces	1
2. Oil Pipe Line Transport, June 1970, Catalogue No. 55-001	3

1. <u>Principal Statistics for the Crude Petroleum and Natural Gas</u>
<u>Industry (S.I.C. 064) 1967</u>, by Province

Statistics for the crude petroleum and natural gas industry will be published in Catalogue 26-213 "The Crude Petroleum and Natural Gas Industry, 1967". This Publication contains data on production, value added, salaries and wages, employment, operating and capital expenditures.

In 1967 the value of marketable production of the Crude Petroleum and Natural Gas Industry, excluding synthetic crude oil, amounted to \$1,229,686,000, an increase of 11.2% over 1966; total value added for the industry was \$1,189,867,000, up 12.3%; salaries and wages amounted to \$111,855,000, up 16.5%; number of employees increased to 13,113, up 5.9%. Alberta had 86.0% of the total employees, due in part to a large number of companies maintaining head offices in Alberta. Operating expenditures rose from \$544,570,000 in 1966 to \$626,664,000 in 1967, up 15.1%, while capital expenditures increased 9.0% from \$503,280,000 to \$548,850,000 during the same period.

6503-521

Principal Statistics(1) for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), by Province - 1962-67

Basis: Revised Standard Industrial Classification and New Establishment Concept

					Producing	g activity				I	Total act	activity	
Year	Estab-	Prod	Production and related workers	nders	Cost of	Cost of	Value of	0	Working owner and partners	owners	Emp1	Employees	
province	ments	Number	Man- hours paid	Wages	elec- tricity	supplies	marketable production	added	Number	With- drawals	Number	Salaries and wages	Value added
	No.		1,000			\$,000				\$,000		5	000
<u>1962</u> Totals	621	3,490	7,396	19,542	11,237	18,180	707,837	678,420	1	ı	11,232	75,325	690,075
<u>1963</u> Totals	977	3,378	7,075	19,280	13,334	21,331	818,457	783,792	ı	t	11,237	76,012	796,444
1964 Totals	079	3,302	7,236	18,884	13,531	22,171	903,573	867,871	1	ı	11,242	77,306	880,828
<u>1965</u> Totals	675	3,262	7,050	19,689	14,080	23,724	978,135	940,331	1	t	11,817	84,687	952,409
Newfoundland	1	1	1	I	1	,	1	ı	1	ı	1	1	ţ
Prince Edward Island	1	ı	1	1	1	4	1	ı	1	1	1	t	,
Neva Scotia	· 60 ×	. 2		19	1 1	E	97	76	1 (1 1	. 2	19	78
Quebec	95	159		894	121	283	10,170	9,766	1 1	1 1	273	1,845	(38)
Manicoba	132	561	1,164	3,430	5,149	5,389	13,057	209,081	1 1	1 1	1,043	7,716	12,631 210,155
British Columbia	78	227		1,672	1,400	1,312	58,378	57,066	1 1	1 1	10,493	3,427	57,787
Islands	44	00 00	15	99	1 4	124	882	758	1 1	1 1	24	208	85 (524)
Totals	648	3,375	7,026	21,914	12,952	29,159	1,092,535	1,050,424	,	ŧ	12,378	95,997	1,059,395
1967													
Newfoundland	1 (1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1		1 1
Nova Scotia	, 6	9	12	23	1 1	12	100	1 80	t 1	1 1	- 9	23	100
Quebec Ontario	10	163	345	966	127	137	9 955	8 691	1 1	1 1	961	35	7 8 8 20
Manitoba	59	43	92	287	286	295	13,998	13,417	t	ı	999	439	13,466
Albertan	233	2,558	5,332	18,977	7,800	24,380	913,519	881,339	1 (1 1	11,274	97,388	887,609
Yukon, Northwest Territories and Arctic		767	10 1	1,0/9	ı	1,910	1,945	600,07	ı	1	206	4,250	/0,/51
Islands	22	I -	20	101	1 1	107	00 00 00 1	781	1 1	1 1	12	114	252 (382)
Totals	745	3,551	7,472	25,949	13,453	32,415	1,229,686	1,183,818	t	1	13,113	111,855	1,189,867
(1) Fyrlindes establishments engaged in sy	vnthetic	criide oi	T CHOWO										

2. Oil Pipe Line Transport, June 1970, Cat. No. 55-001

Net receipts of crude oil, condensate, pentanes plus and refined petroleum products by Canadian oil pipe lines during June increased 11.3 per cent to 1,923,300 B/D from 1,728,500 B/D for the same period of the preceding year; domestic oils amounted to 1,515,000 B/D (up 11.0 per cent) and imported oils were 408,300 B/D (up 12.4 per cent).

Net deliveries of crude oil, condensate, pentanes plus and refined petroleum products during the month rose 15.4 per cent to 1,978,100 B/D from 1,713,400 B/D last year. Included in the month's deliveries were 1,348,000 B/D to domestic points (up 15.2 per cent) and 630,100 B/D for export (up 15.9 per cent).

For the six-month period, net receipts of all commodities were 2,035,400 B/D, an increase of 13.8 per cent over the same period of 1969; deliveries rose 14.7 per cent, to 2,045,100 B/D. The imports by pipe line for the period increased to 427,300 B/D while the exports of the same commodities rose to 679,200 B/D, increases of 14.1 per cent and 25.9 per cent, respectively.

Total traffic for June amounted to 28,222 million barrel miles with an average lenght of haul of 475.6 miles.

Oil held by Canadian pipe line systems totalled 23,800,462 barrels by the end of June. Inventories of crude oil and equivalent decreased by 372,993 barrels, while inventories held in Canada and the United States decreased by 1,173,192 barrels.

Oil Pipe Line Supply and Disposition

	T					
		June	1970		Year to	date 1970
Supply and disposition	Crude oil and equiva- lent	Refined petroleum products and L.P.G.'S.	Total volume	% change from June 1969	Total volume	% change from previous year
			'000 barre	ls per day	<u>' </u>	+
			1			1
Net receipts						
Domestic	1,279.5 404.4	235.5 3.9	1,515.0 408.3	+ 11.0 + 12.4	1,608.1 427.3	+ 13.7 + 14.1
Total net receipts	1,683.9	239.4	1,923.3	+ 11.3	2,035.4	+ 13.8
Net deliveries						
Domestic	1,109.1 619.2	238.9 10.9	1,348.0 630.1	+ 15.2 + 15.9	1,365.9 679.2	+ 9.9 + 25.9
Total net deliveries	1,728.3	249.8	1,978.1	+ 15.4	2,045.1	+ 14.7
Inventory change (barrels)	-1,173,192	- 318,376	-1,491,568	-	1,729,677	_



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Catalogue No. 57-002 Vol. 5, No. 69

September 1970

CONTENTS

		Page
1.	Refined Petroleum Products June 1970	1
2.	Coal and Coke Statistics June 1970, Catalogue No. 45-002	5

1. Refined Petroleum Products

Production of refined petroleum products increased 8.4% in June to 36,759,025 barrels from 33,923,787 in the same month last year, according to an advance release of data that will be contained in the June issue of the DBS report "Refined Petroleum Products" Catalogue No. 45-004.

Receipts of crude oil increased 11.8% in June to 38,318,798 barrels from 34,260,243 a year earlier. There was 14.8% more domestic crude at 21,557,766 barrels versus 18,782,843 and, 8.3% more imported crude at 16,761,032 barrels versus 15,477,400. Domestic disappearance of finished petroleum products increased 3.0% to 38,345,978 barrels from 37,225,127 in the same month last year.



6503-521

IMPORTS into Canada of Selected Petroleum Products, June 1970

	Motor	Kerosene		Fuel oil		Total all
	gasoline	stove oil	Diesel	Light	Heavy	products
		barre	ls of 35 C	anadian gal	lons	1
Maritimes	-	-	320,017	422,633	620,733	1,493,675
Quebec	810,987	156,388	185,678	663,452	2,211,205	4,723,891
Ontario	-	-	100,446	61,089	264,114	930,138
All other	316	-	282	-	167,838	239,113
Canada total	811,303	156,388	606,423	1,147,174	3,263,890	7,386,817

EXPORTS of Selected Petroleum Products*

	Motor	Kerosene		Fuel oil		Total all
	gasoline	stove oil	Diesel	Light	Heavy	products
		barre	ls of 35 C	anadian gal	lons	
Maritimes	-	-	-	-	_	-
Quebec	-	-	9,906	-	11,011	24,311
Ontario	-	211	-	103,221	100	138,911
Saskatchewan	~	***	-	-	-	-
Alberta	-	-	~	-	918	918
British Columbia	47,793		20,050	31,729	-	131,676
Canada total	47,793	211	29,956	134,950	11,929	295,816

^{*} Only those made by respondents to the refined Petroleum Products survey.

Refinery Production in Canada of Selected Petroleum Products, June 1970

	7		ě		Fuel oil			Total all	Total all products
	gasoline	Aviation turbo fuel	Kerosene stove oil	Diesel	Light	Heavy	Total all products	Cumulative 1970	Cumulative 1969
				barrels of	of 35 Canadian gallons	gallons			
Newfoundland	(1)	ı	(1)	1	(1)	(1)	(1)	(1)	(1)
Maritimes	1,156,893	52,471	217,600	(2)	776,479	1,072,535	4,018,915	23,751,751	23,069,951
Quebec	3,535,551	406,347	383,211	1,291,123	2,107,331	2,458,520	11,067,368	76,219,698	66,892,180
Ontario	4,686,449	255,907	397,519	1,336,463	1,611,806	1,627,412	11,326,058	65,311,496	60,070,421
Manitoba	515,159	73,278	1,188	238,671	10,056	65,401	1,017,972	7,080,483	7,410,323
Saskatchewan	874,994	32,345	150,227	441,270	130,702	138,107	1,976,743	10,884,765	11,275,113
Alberta	1,522,400	197,261	- 20,541	1,039,009	42,825	178,884	3,498,601	19,241,864	19,571,465
British Columbia	1,475,837	184,464	206,957	747,881	37,162	418,042	3,753,145	20,914,793	18,195,419
North West Territories and Yukon	6,931	12,660	1	2,933	25,166	28,801	100,223	461,586	385,763
Canada totals	13,774,214	1,214,733	1,336,161	5,097,350	4,741,527	5,987,702	36,759,025	1	1
Canada cummilative 1970	77,604,363	6,713,416	10,552,392	25,069,630	36,649,601	41,950,996	,	223,866,436	,
Canada cummulative 1969	72,484,946	4,998,359	10,145,513	23,091,984	33,211,420	38,464,279	r .	,	206,870,635

- 4 -

NET SALES in Canada of Selected Petroleum Products, June 1970

					Fuel oil			Total all	products
	Motor	Aviation turbo fuel	Kerosene stove oil	Diesel	Light	Heavy	Total all products	Cumulative	Cumulative
						,		0761	-6061
		-	-	barrels o	of 35 Canadian	gallons		-	
Newfoundland	214,652	57,966	71,129	194,510	116,502	759,414	1,434,388	7,497,828	6,391,363
Maritimes	1,036,068	67,902	138,088	329,679	340,209	1,137,224	3,407,737	24,572,569	21,683,626
Quebec	3,938,953	426,300	125,297	651,304	1,280,504	3,256,667	11,162,435	79,350,371	73,661,704
Ontario	5,430,880	457,082	97,395	968,187	1,207,292	2,056,233	12,098,085	81,269,099	77,815,053
Manitoba	726,338	96,142	22,540	337,788	31,110	31,708	1,382,075	8,205,604	8,054,874
Saskatchewan	942,838	37,460	16,696	562,931	27,062	29,613	1,908,851	8,365,814	8,838,193
Alberta	1,440,318	155,466	9,344	656,813	22,628	93,511	2,757,292	13, 201, 622	12,957,806
British Columbia	1,461,206	178,570	60,281	613,434	183,761	353,192	3,412,271	22,385,883	23,515,848
North West Territories and Tukon	23,302	31,046	13,284	100,105	9,001	17,920	207,893	869,340	715,927
Canada totals	15,214,555	1,507,934	554,054	4,414,751	3,218,069	7,735,482	37,771,027	1	,
Canada cumulative 1970	76,492,862	7,657,539	10,342,165	21,343,974	58,332,171	51,757,743	1	245,718,130	•
Canada cumulative 1969	71,997,306	6,641,383	10,128,141	21,284,456	55,447,757	50,384,655	1	1	233, 634, 394

Coal and Coke Statistics, June 1970, Catalogue No. 45-002

Coal production for the month of June 1970 amounted to 1,238,452 tons an increase of 78.8% from the June 1969 production of 692,782 tons. This significant increase results from the rapid development of the Western Coal mining industry, which has recently started shipments of coking coal to Japan under long term contracts with Japanese steel interests. Production from mines in Eastern Canada, however, is still contracting. Landed imports for the month were 2,245,119 tons compared with 2,249,558 tons for the month of June 1969. Consumption by industrial consumers amounted to 1,112,331 tons of coal and 535,012 of coke, an increase of 87,159 tons of coal and 693 tons of coke from last year.

Industrial consumers' stocks of coal and coke decreased to 4,984,203 tons from 4,989,152 tons in June 1969.

Coke production during the month of June 1970 increased to 478,578 tons from 466,630 tons in June 1969, while coke used in blast furnaces decreased to 370,574 tons from 371,801 tons during the same period.

Coal and Coke Statistics

June 1970

			Coal			Co	oke
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
			1	tons	1		
Newfoundland	-	۰	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	
Nova Scotia	181,442	-	176,006	46,443	17,397	44,667	-
New Brunswick	40,203	56	34,103	15,183	60,974	-	-
Quabac	-	70,251	-	69,969	117,723	58,953	81,199
Ontario		2,174,304	-	611,667	4,361,001	403,430	100,358
Manitoba	-	234	-	22,098	103,677	71	292
Saskatchewan	152,013	274	152,399	126,717	239,996	-	-
Alberta	540,110	-	503,429	210,686	68,659	359	215
British Columbia and Yukon	324,684	-	205,026	9,568	14,776	27,532	32,562
Total Canada 1970	1,238,452	2,245,119	1,070,963	1,112,331	4,984,203	535,012	214,626
Total Canada 1969	692,782	2,249,558	709,334	1,025,172	4,989,152	534,319	230,079



For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613

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Government Policipartions

Catalogue No. 57-002 Vol. 5, No. 70

September 1970

Preliminary Propane Statistics, March 1969 and March 1970

Production of propane for March 1970 amounted to 2,281,336 barrels. This was an increase of 248,951 barrels over the same month last year.

Sales to distributors were 951,329 barrels an compared with 1,110,803 barrels during March 1969.

The export of propane for the month was 693,287 barrels, an increase of 16.8 per cent over March 1969.

These statistics show provincial source and end disposition of the products without taking into account intermediate interprovincial transfers.

Statistics for succeeding months and prior years will be issued in the DBS Service Bulletin in the same format as they become available.



6503-521

Canadian Propane Supply and Disposition

	Atlantic	Quebec	Ontario	Manitoba and Saskat- chewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
				baı	rels			
March 1969								
upply								
Refinery production	41,677	169,549 - 878	180,449	35,084 70,277	1,479,787	23,423 32,139	-	450,18 1,582,20
Imports Interprovincial "IN" Inventory Change	(797)	33,147 (13,095)	197,735 1,055	178,673 (1,017)	2,722 (62,785)	51,662 (11,317)	4,715	(87,95
Totals	40,880	190,479	379,239	283,017	1,419,724	95,907	4,715	1,945,30
isposition								
Plant and refinery use	-	23,418	6 2 9	4,119	2,464	-	-	30,63
Gas enrichment	-	-	-	-	1,638 34,072	-	-	1,63
Petrochemicals and Industrial(2) Distributors	45,095	32,974 150,259	136,942 330,512	227,611	117,425 260,584	31 92,027	4,715	287,3
District 1	-	-	-		17,149	-	-	17,14
District 1V	-	-	-	50,726	78,036 62,495	-	-	128,7
District V	-	_	-	-	115,479	178	_	115,6
Offshore		-	-	-	269,492	-	-	269,4
Losses or gains	149 (6,909) 2,545	177 (17,685) 1,336	(827) (88,029) 12	327 (4,919) 5,153	6,989 (1,806) 455,707	(230) - 3,901		6,5 (119,3
Totals	40,880	190,479	379,239	283,017	1,419,724	95,907	4,715	1,945,3
<u>March 1970</u>	-							
upply						,		
Refinery production	50,762	199,247 - 1,608	119,205 - 128	27,388 70,118	2,800 1,757,238	12,523 42,055	-	411,9 1,869,4
Interprovincial "IN"	802 (2,158)	69,873 5,956	141,866 47,731	109,488 10,970	3,763	56,306	6,566	1,7
Totals	49,406	276,684	308,930	217,964	(318,623) 1,445,178	1,116	6,566	2,028,0
sposition								
Plant and refinery use		- 0-0						
Gas enrichment	-	5,053	2,519	3,161	3,857	-	-	14,5
Miscible flood	-	-	-	-	58,145		-	58,1
Petrochemicals and Industrial(2) Distributors	255 28,776	27,347 224,774	139,530 253,596	133,983	124,594 200,897	102,737	6,566	291,7 951,3
District 1	-	-	5,375	71 0/5	85,971	-	-	91,3
District 1V	-	-	-	71,045	336,606 38,649	-	-	407,6 38,6
District V			-	-	110,248	-	-	110,2
Offshore	(055)	(010)	-	-	37,994	7,399	-	45,3
	(255)	(210)	134	222	13,362	20	-	13,2
	18.3601	18 882	(47 77/14	(7 436 4 1				
Adjustments	18,360 2,270	18,884 836	(92,224)	(2,383) 11,936	63,117 371,738	(40) 1,884	-	5,7

⁽¹⁾ Excludes returned to formation.
(2) Identifiable industrial sales have been allocated to this category. Distributor sales may contain sales to industrial.

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Catalogue No. 57-002 Vol. 5, No. 71



September 1970

Preliminary Propane Statistics, April 1969 and April 1970

Production of propane for April 1970 amounted to 2,037,674 barrels. This was an increase of 186,462 barrels over the same month last year.

Sales to distributors remained relatively the same with 757,685 barrels during April 1970 and 759,702 in April 1969.

The export of propane for the month was 761,949 barrels, an increase of 46.5 per cent over April 1969.

These statistics show provincial source and end disposition of the product without taking into account intermediate interprovincial transfers.

Statistics for succeeding months and prior years will be issued in the DBS Service Bulletin in the same format as they become available.

6503-521

Canadian Propane Supply and Disposition

	Atlantic	Quebec	Ontario	Manitoba and Saskat- chewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
				bar	rels		L	L
Apr11 1969								
Supply								
Refinery production	37,559	89,657 - 291	204,387	15,289 68,386	1,398,561	25,333 12,040	-	372,225 1,478,987 291
Interprovincial "IN"	(2,578)	35,995	137,721 (43,082)	89,839 (35,801)	2,350 (299,613)	41,924 4,608	3,454	(350, 953
Total	34,981	151,456	299,026	137,713	1,101,298	83,905	3,454	1,500,550
Disposition								
Plant and refinery use	-	207	900	1,228	2,832 1,000	-	-	5,167 1,000
Miscible flood	34,546	8,016 154,375	75,357 235,725	113,546	54,374 70,537 141,397	76,659	3,454	54,374 153,910 759,702
District I	-	-		01 505	20, 263	-	-	20, 263
District II	-	-	-	21,585	87,201 44,151	-	~	108, 786 44, 151
District V	-	-	-	-	77,377 269,477	-	-	77,377
Losses or gains	(21)	727	1,203	155	84,848			86,912
Adjustments Interprovincial "OUT"	(1,983) 2,439	(12, 383) 514	(17, 839) 3,680	1,193	(52,539) 300,380	4,169 3,077	-	(80,569
Total	34,981	151,456	299,026	137,713	1,101,298	83,905	3,454	1,500,550
<u>April 1970</u>								
Supply								
Refinery production	49,299	160,525	84,428	16,771 67,873	700 1,596,997	22,611 38,470		334,334 1,703,340
Imports Interprovincial "IN"	-	2,218 49,280	250 171,949	69,123	3,271	55,215	2,546	2,468
Inventory change	1,319	(44,501)	(1,969)		(281,080)	290	-	(345,017
Total	50,618	167,522	254,658	134,691	1,319,888	116,586	2,546	1,695,125
Disposition								
Plant and refinery use	-	12,369	8,500	4,086	1,901	44	-	26,856
Miscible food	_	-	-	-	46,190	-	-	46,190
Petrochemical and Industrial(2) Distributors Exports:	40,964	25,144 133,716	61,186 239,363	77,157	108,738 152,644	3,401 111,295	2,546	198,469 757,685
District I	-	-	479	- //6 //38	32,485	-	-	32,964
District IV	-	-	-	46,438	234,953 68,658	-	-	281,391 68,658
District V	-	-	_	-	134,957	200	40	135,157
Losses or gains	-	29	326	488	243,779 1,005	18	-	1,866
Adjustments	943 8,711	(3,932) 196	(55,196)		(34, 757) 329, 335	(15) 1,687	-	(97,890

⁽¹⁾ Excludes returned to formation.
(2) Identifiable industrial sales have been allocated to this category. Distributor sales may contain sales to industrial.

For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (A ea Code 613)

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Catalogue No. 57-002 Vol. 5, No. 72



September 1970

Retail Gasoline Statistics by Metropolitan Area, 2nd Quarter 1970

Retail sales of gasoline in Canada's major metropolitan areas for the second quarter of 1970 increased 6.3 per cent to 438.5 million gallons from 412.5 million gallons in the second quarter of 1969. This amount was dispensed through 7,147 outlets in 1970 of which 5,996 were refiners and 1,151 outlets were non-refiners.

According to estimated vehicle registration statistics, passenger cars per service station in eight metropolitan areas averaged 411. The Toronto-Hamilton area had an average of 495 passenger cars per service station followed by Ottawa-Hull with 450, Edmonton 409, Vancouver 406, Winnipeg 396, Regina 363, Calgary 356 and Montreal 340.

Population per car in these metropolitan areas is estimated at 3.0. This compares favourably with the Canada figure of 3.3. The cities of Toronto-Hamilton, Calgary and Vancouver had a population per car of 2.6 followed by Ottawa-Hull, Regina, Edmonton, Winnipeg and Montreal with the last area registering a ratio of 3.6 persons per car.

During the second quarter of 1970, gasoline sold through retail pump outlets in the metropolitan areas averaged 132 gallons per vehicle. Montreal and Winnipeg showed 140 gallons; Regina 133; Toronto-Hamilton 130; Edmonton 129; Calgary 129; Vancouver 123 and Ottawa-Hull 121.

6503-521

Retail Gasoline Statistics by Metropolitan Area, 2nd Quarter 1970

						.+
Total		5,996	7,147		360,657	438,544
Vancouver		770	919		40,871	52,131
Calgary		340	374		18,764	22,597
Edmonton		361	412		20,572	24,438
Regina		119	140		6,774	8,007
Winnipeg		356	407		21,886	24,952
Toronto- Hamilton		1,871	2,184		128,310 29,242	157,552
Ottawa- Hull		346	441		19,761 6,661	26,422
Montreal Ottawa-		1,833	2,270		103,719	122,445 26,422
	Outlets	Number of refiners' outlets	Totals	<u>Gallonage</u>	Dispensed through refiners' outlets ('000) Dispensed through other outlets ('000)	Totals ('000)

Population and number of vehicles for the eight Metropolitan Areas are as follows:

Population* Passenger Commercial 1st June 1969 cars(1,2)*	2,778,000 771,000	537,000 198,400		161,000	50,100	375,000 146,600 29,000	152,800	980,000	
	Montreal(3)	Ottawa-Hull(3)	Toronto-Hamilton(3)	Winnipeg	Regina	Calgary	Edmonton	Vancouver	Consult total

1969 registrations.
 Taxis included.
 These areas are not identical with census metropolitan areas.
 Estimates.

For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

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Catalogue No. 57-002 Vol. 5, No. 73



Covernment
Publications
September 1970

Monthly Supply and Disposal of Electric Energy, 1969

Introduction

This report presents a summary of the Monthly Electric Power Statistics Survey incorporating all revisions to date. The 1969 data were originally published in the twelve monthly issues of Catalogue No. 57-001.

The survey covers all firms which generate a minimum of 10 million kwh. per annum, together with the large distributors of electric energy. In 1968 these firms accounted for 99.4% of all generation, 96.1% of sales to ultimate customers and generation for own use both by utilities and by industrial establishments. The same group of generating firms which provide statistics for the publication "Electric Power Statistics, Volume I, Annual Electric Power Survey of Capability and Load" (Catalogue No. 57-204) are covered in the monthly survey. Therefore there is a direct comparison with the Capability and Load report insofar as energy generation, imports, exports and use of secondary energy are concerned. Any differences are due to late revisions.

Review of Survey Results

Net generation (total generation less energy used in generating station service) by firms which generated a minimum of 10 million kwh. increased by 8.3% in 1969 to 190,012,000 thousand kwh. from 175,374,378 thousand kwh. in 1968. Output from hydro plants, which accounted for 77.9% of the total generation, increased by 9.9% over 1968, while thermal generation was up 3.2%. Industrial establishments produced 17.5% of the 1969 generation compared with 18.3% in 1968. This lessening in the importance of industrial generation within the total is a continuation of a trend that has been evident for the past few years. Monthly generation varied from a high of 17,972,142 thousand kwh. in December to a low of 14,495,295 thousand kwh. in July.

Quebec contributed 36.3% of the total Canadian generation, followed by Ontario with 31.9% and British Columbia with 13.8%. Of these three provinces, the increase in generation in British Columbia amounted to 13.1% over 1968, while increases in Ontario and Quebec generation were 7.8% and 5.9% respectively. The largest percentage increase over 1968 generation was 14.7% in Alberta, followed by Saskatchewan with 13.3% and British Columbia with 13.1%.

Imports from the United States declined to 3,332,539 thousand kwh. in 1969 from 4,128,762 thousand kwh. in 1968. Exports on the other hand increased from 3,656,830 thousand kwh. to 4,697,020 thousand kwh. thus changing Canada's position from a net importer to a net exporter of electric energy.

Total sales to ultimate customers served by the reporting group of companies increased by 8.8% from 114,328,449 thousand kwh. in 1968 to 124,403,882 thousand kwh. in 1969. Percentage increases in sales by rate categories amounted to 6.7% for domestic, 10.8% for farm, 16.6% for general service (commercial), 7.7% for power and 5.0% for street lighting. Again in 1969, the reclassification of some power customers to the general service category caused a substantial increase in the latter classification. Energy used in own plant, which consists mainly of generation by industrial establishments for their own use, increased 4.2% in 1969.

6503-521

DBS REGIONAL OFFICES - St. Johns • Halifax • Montreal • Ottawa • Toronto • Winnipeg • Edmonton • Vancouver

Supply and Disposal of Electric Energy

Canada 1969

July			9,467,187 2,390,340 11,857,527 2,260,695 377,073 2,637,768 11,727,882 2,767,413 14,495,295	233,916	233,916 14,729,211		: :	63,599	334,571 14,394,640 3,648,451 18,444 3,666,895	5,090,419 71,892 1,597,716 2,482,009 101,788 90,248	9,434,072 600,816 692,857 14,729,211
June			9, 795, 637 2, 114, 227 11, 909, 864 2, 241, 738 38, 241, 738 12, 623, 769 12, 037, 375 2, 496, 258 14, 533, 633	157,352	157,352			68,953 263,796	332,749 14,358,236 3,579,269 52,605 3,631,874	5,120,007 82,932 1,562,653 2,446,880 130,899 85,318	9,428,689 735,455 562,218 14,690,985
Мау			10,682,291 2,002,448 12,684,739 2,396,521 4,06,823 2,803,344 13,078,812 2,409,271 15,488,083	216,852	216,852			78,858	299,405 15,405,530 3,674,098 64,729 3,738,827	5, 341, 919 112, 131 1, 664, 117 2, 970, 712 137, 995 93, 831	10,320,705 788,382 557,616 15,704,935
April	thousand hwh.		9, 783, 814 2, 930, 684 12, 714, 498 2, 313, 382 378, 269 2, 691, 651 12, 097, 196 3, 308, 953 15, 406, 149	324,650	324,650		•	75,052	443,814 15,286,985 3,490,449 46,173 3,536,622	5, 759, 751 94, 190 1, 739, 408 3, 149, 546 159, 066	11,000,204 227,534 522,625 15,730,799
March		-	9, 865, 006 3, 846, 276 13, 711, 282 2, 448, 048 411, 491 2, 859, 539 12, 313, 054 4, 257, 767 16, 570, 821	480,644	480,644		*	71,208 362,742	433,950 16,617,515 3,709,282 33,598 3,742,880	5,460,867 96,659 1,816,229 3,419,451 105,979	11,078,952 1,139,281 656,402 17,051,465
Canada 1969 February			9, 068, 397 3, 803, 171 12, 871, 568 2, 207, 956 2, 592, 428 11, 276, 353 4, 187, 643	420,986	420,986		:	59, 560	369, 437 15, 515, 545 3, 357, 514 27, 906 3, 385, 420	5,187,102 102,693 1,893,624 3,695,917 161,136	11, 147, 107 330, 979 652, 039 15, 884, 982
January			9, 975, 121 4, 451, 850 14, 426, 971 2, 430, 701 420, 072 2, 850, 773 17, 405, 822 4, 871, 922 17, 277, 744	461,349	461,349		:	67,627	426,463 17,312,630 3,617,135 32,031 3,649,166	5, 375, 335 98, 399 1, 968, 046 3, 755, 873 135, 534	11,447,271 1,472,534 1,472,534 17,739,093
	No.	Supply of electric energy	Net generation: Utilities - Hydro Thermal Totals (1 + 2) Thermal Totals (4 + 5) Totals (4 + 5) Total (1 + 4) Thermal (2 + 5) Total net generation (7 + 8)	Energy received from other provinces and imported: Received from other provinces	12 Total received from other provinces and imported (10 + 11)	Disposal of electric energy	Energy delivered to other provinces and exported: 14 Delivered to other provinces - Firm	Exported to United States - Firm	18 Total delivered to other provinces and exported (14 + 15 + 16 + 17)	Sales to ultimate customers: Power - Firm Secondary General service (commercial) Domestic Farm(1)	28 Street lighting 29 Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28) 30 Unallocated energy(2) 31 Distribution by non-respondents 32 Total disposal of energy (18 + 22 + 29 + 30 + 31)

No.	August	September	October	November	December	1969	1968
				thousand kwh.			
Supply of electric energy							
Net generation: Utilities - Hydro	202 667 6	9 268 373	10 135 010	001 017 01	700	6	
	2,688,499	3,060,631	3,190,650	3,076,984	3,846,851	37,402,611	107,039,008 36,165,293
Industry Hydro	2,314,621	2,335,395	2,545,309	2,544,816	15,023,137	156,738,369 28,587,709	143,204,301
Totals (4 + 5)	2.689.220	366,268	389,576	394,770	400,478	4,685,922	4,615,741
Gran	11,814,328	11,603,768	12,681,119	13,162,945	13,724,813	147,923,467	134, 593, 344
	3,063,098	3,426,899	3,580,226	3,471,754	4,247,329	42,088,533	40,781,034
10 Received from other provinces and imported:		• 0		:	:	:	•
	130,434	100,800	200,343	220,709	310,418	3,332,539	4,128,762
13 Total supply of energy (9 + 12)	138,454	15,197,533	200,343	220,709	310,418	3,332,539	4,128,762
Disposal of electric energy							
Energy delivered to other provinc	0	9					
16 Emerted to United States - Firm	0 1		6 6	0 0			
	409,156	67,309	69,738	74,992	74,127	3,858,831	741,398
	476,784	507,798	381,790	307,009	383,250	4.697.020	3.656.830
Ener	14,539,096	14,689,735	16,079,898	16,548,399	17,899,310	188,647,519	175,846,310
	15,021	25,960	30,518	85,951	50,937	43,010,310	40,956,644
Sale	3,555,108	3,475,967	3,652,993	3,698,553	3,759,878	43,494,183	41,757,585
24 Secondary	5,039,647	5,181,902	5,498,219	5,437,921	5,609,195	64,102,284	59,532,606
	1,622,155	1,664,225	1.736.086	1.819.564	1 912 555	1,105,577	1,021,176
Domestic	2,317,143	2,357,382	2,787,783	2,871,275	3,145,833	35,399,804	33,185,112
	95,823	101,856	100,279	110,993	133,675	1,547,790	1,397,421
To		1		647,000	764,477	1,252,049	1,192,200
30 Unallocated energy(2)	9,245,908	9,485,979	10,320,703	10,472,600	11,021,692	124,403,882	114,328,449
	523,867	562,277	657,569	667,244	787,724	7.586.097	6.984.058
Local disposal of energy (18 + 22 + 29 + 30 + 31)	15,015,880	15,197,533	16,461,688	16,855,408	18,282,560	193, 344, 539	179 503 140

- 3 -

(1) Many utilities cannot distinguish between domestic and farm, as they do not keep separate records. (2) Includes losses, unaccounted for, and cyclical billing adjustment. ... Pigures not appropriate or not applicable.

Supply and Disposal of Electric Energy - Continued

Newfoundland 1969

r .	ýTnr			166,450 6,909 173,359 27,850	27,850 194,300 6,909 201,209	t 1	201,209		4,533 1,843 -	6,376 194,833 68,553 6,245 74,798	48,938 32,443 25,855	975	7,324 4,500 201,209
P	June			212,019 1,544 213,563 33,371	33,371 245,390 1,544 246,934	t t	246,934		3,729	5,582 241,352 97,597 20,407 118,004	48,265 - 34,551 30,253	881	4,604 4,794 246,934
	May			297,683 9,235 306,918 33,941	33,941 331,624 9,235 340,859	1 1	340,859		3,944	5,520 335,339 81,966 22,134 104,100	143,421 - 36,393 32,120	976	212,910 13,224 5,105 340,859
	April	thousand kwh.		295,283 13,005 308,288 32,377	32,377 327,660 13,005 340,665	1 6	340,665		4,393	5,814 334,851 37,852 23,498 61,350	180,561 38,267 34,974	1,260	253,002 12,704 5,735 340,665
	March	th		358,050 13,734 371,784 32,361	32,361 390,411 13,734 404,145	1 1	404,145		4,330	6,869 397,276 93,622 21,311 114,933	185,005 37,043 33,949	1,356	21,795 21,795 3,195 404,145
News Count and Assessment and Assess	February			329,334 12,389 341,723 27,029	27,469 356,363 12,829 369,192		369,192		4,204	6,474 362,718 89,545 16,335 105,880	157,622 39,600 37,230	1,383	235,835 18,033 2,970 369,192
	January			334,768 13,830 348,598 29,713	29,713 364,481 13,830 378,311	1 1	378,311		4,771 2,683	7,454 370,857 91,258 10,162	169,085	1,679	252,023 15,090 2,324 378,311
			Supply of electric energy		Totals (4 + 5) Grand total - Hydro (1 + 4) Total net generation (2 + 5) Total net generation (7 + 8)	Received from other provinces Imported from United States Total received from other provinces and imported	(10 + 11)	Disposal of electric energy	Energy delivered to other provinces and exported: Delivered to other provinces - Firm	(14 + 15 + 16 + 17) (14 + 15 + 16 + 17) Total made available for use in Canada (13 - 18) Energy used in own plant - Firm Secondary Total used in own plant (20 + 21)	Sales to ultimate customers: Power - Firm Secondary General service (commercial)		Unallocated energy(2) Distribution by non-respondents Total disposal of energy (18 + 22 + 29 + 30 + 31)
	No.			1 6 3 7 1	0000	10 11 12	13		14 15 16 17	19 20 21 22	23 24 25 26	27 28 29	30 31 32

Supply and Disposal of Electric Energy - Continued

Newfoundland 1969 - Concluded

₩o.		August	September	October	November	December	1969	1968
					thousand kwh.			
	Supply of electric energy							
14321	Net generation Utilities - Totals (1 Industry -	227,036 12,323 239,359 26,896	291,605 13,302 304,907 32,845	365,574 14,376 379,950 35,309	349,721 13,425 363,146 35,605	365,874 13,877 379,751 33,486	3,593,397 137,949 3,731,346 380,783	3,297,477 73,125 3,370,602 379,697
0 0 0 0	6	26,896 253,932 12,323 266,255	32,845 324,450 13,302 337,752	40 35,349 400,883 14,416 415,299	114 35,719 385,326 13,539 398,865	33,486 399,360 13,877 413,237	381,377 3,974,180 138,543 4,112,723	1,244 380,941 3,677,174 74,369 3,751,543
212	Exerved from Other provinces and imported: Received from United States Total received from other provinces and imported (10 + 11)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1 1 1	1 1 1	1 1	1 1 1	1 9 1
		77.004	70, 170	413,233	000,000	413,237	4,114,723	3,731,343
	Disposal of electric energy							
14 15 15 15 15 15 15 15 15 15 15 15 15 15	Energy delivered to other provinces and exported: Delivered to other provinces - Firm	4,466	5,108	6,052	5,955	6,218	57,703	54,795 25,459
18	Total delivered to other provinces and exported (14 + 15 + 16 + 17)	1 00 9	1 000	1 66		1 00	- 676 10	1 20
19	Total made available for Energy used in own plant -	259,955	330,820	408,061	391,451	403,937	4,031,450 1,036,663	3,671,289 1,005,172
21 22		4,030	14,583	14,067	8,865	6,840	1,205,140	1,130,890
23	Power - Firm	90,323	150,977	192,045	182,105	187,708	1,736,055	1,774,879
25 26	General service (commercial)	30,735	30,673	34,412	37,360	39,550	431,109	246,020
27 28 29	Street lighting Treet lighting	1,123	1,305	1,562	1,704	1,854	16,058	14,293
30	10 11 12 12 13 14 15 15 15 15 15 15 15	146,930	208,029	257,892	256,181	267,205	2,571,581	2,348,167
31		4,233	337,752	4,972	4,722	4,176	50,565	14,356
3	See footmotes on page 4.							

Supply and Disposal of Electric Energy - Continued

Prince Edward Island 1969

See footnotes on page 4.

Supply and Disposal of Electric Energy - Continued

Prince Edward Island 1969 - Concluded

	August	September	October	November	December	1969	1968
				thousand kwh.			
Supply of electric energy		*					
Net generation:							
Thermal	17.995	17 922	19 568	10 00%	10 552	257 210	1000 001
Totals (1 + 2)	17,995	17,922	19,568	19,904	19,552	215,436	196,957
Industry - Hydro	1	ı	r	ı	1	1	
Thermal	í	1	1	*	1	1	6
(Prand total - Hodro (1 + A)	8	1	F	1	1	ı	1
	1 00	1 0	0 0	9 (0	d 1	0 0	
Total net generation (7 + 8)	17,995	17,922	19,568	19,904	19,552	215,436	196,957
Energy received from other provinces and imported:							
	1	1	1	,		1	1
Total received from other received to the states	1	1	6		8	ś	1
(10 4 11)							
Total supply of energy (9 + 12)	17 995	17 922	10 568	10 00/	10 7.7.8	215 7.36	106 067
	777674	74	10000	10000	47,734	00+1017	730,33
Disposal of electric energy							
Exergy delivered to other provinces and exported:							
Delivered to other provinces - Firm	1	ı	t		ß	8	1
Secondary	r	t	1	1	1	1	1
Exported to United States - Firm	1	ť	4	1	8	1	8
Total delivered to other provinces and exported	1	ŧ	1	į	\$	8	1
(14 + 15 + 16 + 17)	1	-	1	1		3	•
Total made available for use in Canada (13 - 18)	17,995	17.922	19,568	19,904	19,552	215.436	196,957
Energy used in own plant - Firm		1		1			
Secondary	1	ī	,	1	*	,	1
Sales to ultimate customers.	j			1	1	1	1
Power - Pirm				0000		000	0
Secondary	1,120	1,1/2	1,32/	1,828	2,353	16,602	12,882
General service (commercial)	4,423	2,009	2,710	5,020	7,337	58 757	57 115
Domestic	7,019	6,856	7,737	8,651	8,625	91,641	81,358
Farm(1)		8	1	1	1		1
Street lighting	160	192	191	202	203	2,170	2,048
Total sales to ultimate customers (23 + 24 + 25 +	1	1					
[hallocated energy(?)	15,690	16,024	17,306	18,289	18,507	196,088	177,266
Distribution by non-respondents	2,303	L, 090	797'7	C10,1	1,045	19,340	19,091
2 + 29 + 30 + 31)	17, 995	17, 922	19,568	19,904	19.552	215.436	196.957
	20000					000000000000000000000000000000000000000	00000

Supply and Disposal of Electric Energy - Continued

Nova Scotia 1969

	January	February	March	April thousand kwh.	May	June	July
	_	_					
Supply of electric energy							
	99069	56,862	60,699	61,438	54,198	43,986	43,433
Thermal	284,552	245,655	281,034	197,139	185,447	186,623	217,533
Industry - Hydro Thermal	31,763	28,763	32,565	33,486	29,655	33,766	35,247
7	34,534	31,551	35,597	36,382	32,613	36,649	37,998 46,184
Grand Cotal Tryth (1 +7) Total net cemeration (7 + 8)	247,249	217,556	252,900	169,187	160,904	176,403	209,347
imported:	17,435	6,502	7,181	42,779	53,286	45,321	17,339
Imported from United States	•	1	ŧ	,)	,	
(10 + 11) Total supply of energy (9 + 12)	17,435	6,502	7,181	42,779 276,300	53,286 271,346	45,321 268,593	17,339
Disposal of electric energy							
Energy delivered to other provinces and exported:	1	1	1	1	1		• :
Secondary	28,343	8,660	27,003	817	1 1	419	13,464
Exported to United States - Firm	r I	1 1		•	1	1	1
Total delivered to other provinces and exported	28 343	8.660	27,003	817	,	419	13,464
(14 + 13 + 10 + 1/)	308,178	275,048	296,809	275,483	271,346	268,174	259,406
Energy used in own plant - Firm	65,137	59,350	65,114	60,545	62,197	63,077	63,690
Secondary	66,837	60,844	66,674	62,123	63,823	649,49	64,998
	70 2 67	71 330	38 382	41.746	40.505	42,432	34,443
Power = Firm	801	958	965	806	781	765	415
General service (commercial)	67,732	63,026	61,507	58,139	53,691	53,070	69,402
Domestic	78,514	88,239	/4,342	11,390	100,120	0/7/7/	
	2,666	2,437	3,026	2,301	3,259	2,590	2,453
Total sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	192,307	196,010	178,222	180,492	164,362	171,133	171,383
	27,953	- 1,299	34,898	14,391	25,608	16,035	6,470
ribution by non-respondents	21,081	19,493	323 812	776 300	271,346	268,593	272,870

Supply and Disposal of Electric Energy - Continued

Nova Scotia 1969 - Concluded

No.	August	September	October	November	December	1969	1968
				thousand kwh.			
				_		-	
Supply of electric energy							
- Ne							
Utilities -	41,394	36.174	38 075	030 17	1		
Totale	165,319	164,954	188.861	170 77.1	56,229	603,822	658,980
Industry - Hydro	206,713	201,128	227,836	212,109	256,670	2,098,617	1,989,238
Thermal	2,097	2,260	1,210	2,143	1.451	2,702,439	2,648,218
	33,309	30,348	32,795	27,027	31,532	380.256	353 067
Grand total - Hydro (1 + 4)	43,400	32,608	34,005	29,170	32,983	965,605	386.037
9 Total not concents (2 + 5)	198,628	195,302	221 656	43,511	57,680	633,062	691,970
됩	242,119	233,736	261,841	241,279	289,653	2,478,873	2,342,285
	17 ///6	122 621	9				3,034,233
12 Total received from other promptoes and imposed	2	1/06/6	31,867	53,730	27,038	357,595	234,720
	F					1	1
13 Total supply of energy (9 + 12)	259,565	37,671	31,867	53,730	27,038	357,595	234,720
				600 6003	160,010	3,469,530	3,268,975
Disposal of electric energy							
14 Delivered to other provinces and exported:							
	2 658	27.0	1 7	1	ŀ	ŧ	,
		, the contract of the contract	817	77	072	88,648	118,555
Ţ	ı	ŧ	1	1 (1 1	1 1	1 1
	2,658	678 9	Q.F.	t	-		
Energy used in own plant = Firm	256,907	265,058	293,590	294.932	315,951	3 380 882	118,555
Secondary	63,475	60,240	63,619	56,261	59,555	742,260	710,238
Total used in own plant (20 + 21)	65,173	61,866	1,668	1,560	1,686	19,076	19,280
	1000			4	147610	101,330	/29,518
	45,997	41,125	45,583	46,911	43,685	504,733	477,250
Domestic	56,574	56,855	54.286	61.821	691	6,922	10,231
Farm(1)	66,763	58,360	67,957	76,718	61,905	853,288	789,720
28 Street lighting	3,685	2.271	000	1 00	1 (1	
26 + 27 + 28)		1	004.0	4,003	1,594	34,623	27,277
	173,074	158,784	171,474	190,553	167,934	2,115,728	1.937.285
	2,062	27,309	37,145	28,849	995,499	283,887	270,989
local disposal of energy (16 + 22 + 29 + 30 + 31)	259,565	271,407	293,708	295,009	22,310	219,931	212,628
See footnotes on page 4.					1000	000000000000000000000000000000000000000	7,500,977

Supply and Disposal of Electric Energy - Continued

New Brunswick 1969

c energy c condary co		W-5.17		T J
92,900 94,187 232,211 295,666 325,111 295,666 32,338 2,337 50,649 47,723 53,387 96,494 282,860 246,389 378,498 342,883 31,482 16,966 4,223 11,187 35,705 18,153 17,655 7,814 29,882 6,256 68,878 64,345 7,142 643,345 68,878 643,345 17,495 345,302 92,981 85,920 89,965 81,771 1,495 35,302 92,981 85,920 89,666 17,190 65,401 77,810 65,401 77,810 65,401 22,22,881 199,404 222,227 21,123	April	ray	June	July
92,900 94,187 232,111 292,853 2,738 2,307 50,649 47,723 50,649 282,860 282,860 246,389 378,498 342,883 31,482 16,966 4,223 11,187 17,655 7,814 29,882 24,936 7,142 64,233 17,655 7,814 29,882 24,936 17,655 7,814 29,882 24,936 17,495 317,691 97,750 92,981 85,920 8,966 83,7696 77,810 65,401 77,810 65,401 77,810 65,401 77,810 722,881 199,404 222,281 199,404	thousand kwh.	-		
92,900 94,187 232,211 29,853 2,311 29,853 50,649 47,723 50,649 47,723 50,649 47,723 50,638 96,494 282,860 246,389 378,498 342,883 11,187 14,199 4,339 17,655 18,153 14,199 4,339 7,814 29,882 24,936 7,142 6,256 68,878 43,345 7,142 6,256 68,878 43,345 1,495 31,701 96,255 91,771 1,495 31,591 97,750 92,981 85,920 8,966 83,65 41,081 65,401 77,810 65,401 77,810 65,401 77,810 65,401 77,810 65,401 77,810 65,401 77,810 65,401 77,810 65,401 77,810 65,401 77,810 65,401				
232,211 198,666 325,111 29,853 2,738 2,738 50,649 4,723 53,387 96,494 282,860 246,389 31,482 16,966 4,223 11,187 35,705 18,153 414,203 361,036 7,142 68,878 43,345 68,878 43,345 68,878 43,345 68,878 43,345 68,878 43,345 68,878 6,256 68,878 6,256 69,255 317,691 96,255 317,691 97,750 92,981 85,920 89,666 83,65 41,081 65,401 77,810 65,401 77,810 65,401 77,810 65,401 77,810 722,881 199,404 222,227 21,123	273,096	329,233	254,471	131,285
25, 111 29, 853 2, 387 50, 649 50, 649 50, 649 282, 860 246, 389 378, 498 31, 482 11, 187 35, 705 14, 203 17, 655 7, 814 29, 882 7, 814 29, 882 7, 814 29, 882 7, 814 29, 882 7, 814 29, 882 7, 814 29, 882 7, 814 29, 882 7, 814 29, 92, 981 85, 920 89, 655 11, 495	85,098	45,991	81,212	164,062
59,649 53,387 59,638 59,030 59,030 282,860 246,389 31,482 1,187 1,181 1,187 1,181 1,187 1,181 1,187 1,181 1,187 1,181 1,187 1,181 1,187 1,181 1,187 1,181 1,187 1,181 1,187 1,181 1,187 1,181 1,187 1,181 1,187 1,181 1,187 1,181 1,187 1,181	6,291	8,681	8,602	5,269
53,387 56,494 282,860 246,389 378,498 342,883 378,498 342,883 4,223 16,966 4,223 16,966 17,655 24,936 7,142 6,256 68,878 43,345 68,878 43,345 92,325 317,691 92,981 85,920 8,966 85,302 77,810 65,401 77,810 65,401 7,740 65,401 7,740 7,022 1,495 37,696 1,781 199,404 2,043 2,022 2,043 21,123		47,882	42,002	40,525
282,860 246,389 378,498 342,883 31,482 16,966 4,223 11,187 17,655 18,153 17,655 24,936 7,142 6,256 6,256 6,256 6,256 6,256 6,256 6,256 6,256 6,256 6,256 6,256 6,256 6,256 6,256 6,256 6,266 7,11,081 1,495 1,711 1,495 1,711 1,495 1,711 1,495 1,711 1,495 1,711 1,495 1,711 1,495 1,711 1,495 1,711 1,495 1,711 1,496 1,711 1,496 1,711 1,496 1,711 1,496 1,711 1,496 1,711 1,496 1,711 1,496 1,711 1,496 1,711 1,496 1,711 1,496 1,711 1,496 1,711 1,496 1,711 1,496 1,711 1,496 1,711 1,496 1,711 1,496 1,711 1,711 1,496 1,711 1,496 1,711 1,496 1,711	22,852	337,914	263.073	136 554
31,482	131,659	93,873	123,214	204,587
31,482 16,966 4,223 1,187 35,705 18,153 17,655 7,814 29,882 24,936 7,142 64,936 7,142 64,936 7,142 64,936 7,142 64,936 7,142 64,936 17,691 16,495 317,691 16,495 95,302 17,71 16,495 317,691 16,495 95,302 17,71 16,496 8966 88,920 8,966 88,966 88,966 77,810 65,401 2,043 22,221 199,404	411,046	431,/8/	380,287	341,141
4,223 1,187 35,705 18,153 414,203 361,036 14,199 4,339 17,655 24,936 7,814 29,882 24,936 7,814 29,882 43,345 1,495 317,691 96,255 317,691 96,255 317,691 1,495 33,331 1,495 33,331 2,92,981 85,920 8,966 88,966 1,496 65,401 2,043 2,022 2,043 199,404 22,22,881 199,404	887,9	5,553	3,986	15,881
35,705 18,153 414,203 361,036 14,199 4,339 17,655 7,814 29,882 24,936 7,814 29,882 24,936 7,814 1,142 317,691 96,255 317,691 96,255 317,691 96,255 317,691 97,750 95,302 1,495 83,331 97,750 95,302 1,495 83,65 8,966 83,65 1,495 83,65 1,495 83,65 1,496 65,401 2,043 199,404 22,22,881 199,404	701,2	704,7	100	CCO
414,203 361,036 14,199 4,339 17,655 24,936 7,142 6,256 6,256 6,878 43,345 345,325 317,691 96,255 91,771 1,495 31,531 97,750 92,981 85,920 8,966 88,965 17,1081 37,696 77,810 65,401 77,810 65,401 77,810 65,401 77,810 77,810 65,401 77,810 77,810 77,810	8,595	7,955	4,667	16,716
14,199 4,339 17,655 7,814 29,882 24,936 7,142 6,256 6,256 6,256 6,256 18) 345,325 317,691 14,495 317,691 18) 92,981 85,920 8,966 8,365 41,081 37,696 77,810 65,401 2,043 2,022 2,41 199,404 22,227 21,123	419,641	439,742	390,934	100,100
14,199 4,339 17,655 7,814 29,882 24,936 7,142 68,878 68,878 43,345 18) 345,325 31,71 1,495 31,71 1,495 35,31 1,495 35,31 1,495 31,71 1,495 35,31 1,495 35,31 1,495 35,31 1,495 35,31 1,495 35,31 1,495 35,31 1,495 35,31 1,495 35,31 1,495 3,51 1,				
ed (8,878 (43,34) (7,814) (7,814) (7,814) (7,814) (7,814) (7,814) (7,814) (7,814) (7,814) (7,814) (8,25) (9,32) (7,71) (1,92) (1,92) (1,93) (1				
14,199 4,339 17,655 7,814 29,882 24,936 64,256 68,878 43,345 18) 345,325 317,691 96,255 917,71 1,495 33,531 97,750 95,302 1,495 35,31 97,750 95,302 1,495 35,31 1,495 33,531 1,495 33,531 1,495 35,401 2,043 2,022 2,043 2,022 2,043 2,022				
14,199 4,339 17,655 7,814 29,882 24,936 7,142 6,256 6,256 68,878 43,345 18) 96,255 91,771 1,495 317,691 97,750 95,302 92,981 85,920 8,966 8,365 41,081 37,696 77,810 65,401 25,41 222,881 199,404 22,227 227				
17,655 29,882 7,142 68,878 6,256 6,256 6,256 345,325 317,691 1,495 9,770 92,981 85,920 83,966 81,966 81,966 81,966 81,966 81,966 81,966 81,966 82,920 82,920 83,966 81,966 82,966 83	13,166	14,832	14,061	13,977
29,882 24,936 68,878 6,256 68,878 43,345 345,325 317,691 1,495 95,771 1,495 95,302 92,981 85,920 8,966 8,365 41,081 85,920 77,810 65,401 2,043 2,022		46,865	46,822	3,651
68,878 345,325 317,691 96,255 91,771 97,750 92,981 85,920 8,966 81,365 41,081 77,810 65,401 2,043 2,043 2,043 2,022 2,043 2,022		5,012	7,103	7,733
68.878 443,345 345,325 317,691 96,255 91,771 1,495 3531 97,750 95,302 8,966 8,365 41,081 85,920 8,966 8365 77,810 65,401 2,043 2,022		C T	101	776 63
96,255 91,771 1,495 92,981 8,966 41,081 77,810 8,966 8,365 41,081 77,810 65,401 2,043 2,043 2,043 2,022 2,043 2,022	323,106	331,970	289,879	305,093
1,495 92,981 8,966 41,081 77,810 2,043 2,043 2,043 2,043 2,022 2,043 2,022 2,043 2,022 2,023 2,023 2,023 2,022		102,296	96,224	94,904
92,981 85,920 8,966 8,365 41,081 37,696 77,810 65,401 2,043 2,022 2,043 199,404 222,281 199,404	3,277	3,725	2,122	2,686
222.881 85,920 8,966 8,365 41,081 37,696 77,810 65,401 2,043 2,022		6000		
2,043 2,043 2,043 2,022 2,22,881 222,227 21,123		93,810	86,749	92,318
77,810 65,401 2,043 2,022 222,881 199,404 22,227 21,123	36,767	33,718	33,122	34,136
2,043 2,022 222,881 199,404 22,227 21,123		54,325	50,688	49,022
222,881 199,404 22,227 21,123	1,926	1,922	1,843	1,868
22,227	194.721	190,588	178,993	184,238
		33,615	10,830	21,246
Distribution by non-respondents	7	439,742	390,954	357,857

Supply and Disposal of Electric Energy - Continued

New Brunswick 1969 - Concluded

Supply of electric energy Net generation: Utilities - Hydro Thermal Totals (1 + 5) Totals (4 + 5) Total (4 + 5) Total (4 + 5) Total net generation (7 + 8) Energy received from other provinces and imported (10 + 11) Total received from other provinces and imported (10 + 11) Total received from other provinces and imported (10 + 11) Total supply of energy (9 + 12) Exported to United States - Secondary Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total aupply of energy (9 + 12) Exported to United States - Secondary Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total aupply of energy (9 + 12) Exported to United States - Firm Secondary Total used in own plant - Firm - Secondary Total used in own plant (20 + 21) Sales to ultimate customers: Power - Firm - Secondary Ceneral service (comercial) Sales to ultimate customers: Power - Firm - Secondary Secondary Secondary Total seed in own plant (20 + 21) Sales to ultimate customers: Power - Firm - Secondary Total seed in own plant as Secondary								
Supply of electric Utilities - Hydro Utilities - Hydro Totals (1 + 2) Industry - Hydro (1 + 4) Totals (4 + 5) Grand total - Hydro (1 + 4) Total net generation (7 + 8) Emergy received from other provinces . Imported from other provinces Total received from other provinces Imported from other provinces Total supply of energy (9 + 12) Exported to United States - Fits Exported to United States - Fits Total delivered to other province Exported to united States - Fits Total delivered to other provinces Exported to United States - Fits Total wade available for use Total used in own plant Total used in own plant (20 + Sales to ultimate customers:					thousand kwh.			
Net generation: Utilities - Hydro Thermal Totals (1 + 2) Industry - Hydro Thermal Totals (4 + 5) Totals (4 + 5) Grand total - Hydro (1 + 4) Total net generation (7 + 8) Total net generation (7 + 8) Imported from other provinces Imported from other provinces Inported from other provinces Total received from other provincel (10 + 11) Disposal of electri Energy delivered to other province Delivered to United States - Fiz Secondary Total delivered to other province (14 + 15 + 16 + 17) Total delivered to other provinces Exported to United States - Fiz Total delivered to other provinces Exported to United States - Fiz Total used in own plant (20 + 5 condary General service (comercial) Domestic Farm(1) Street lighting Total sales to ultimate cust Secondary Total sales to ultimate cust Secondary Total sales to ultimate cust Service (comercial) Street lighting Total sales to ultimate cust	nergy							
Energy delivered to other province belivered to other provinces - Exported to United States - Fir Secondary (14 + 15 + 16 + 17) Total delivered to other prov (14 + 15 + 16 + 17) Total made available for use Energy used in own plant - Firm Second Total used in own plant (20 + Sales to ultimate customers: Power - Firm Secondary General service (commercial) Secondary Cental service (commercial) Domestic Firm	s and imported: nces and imported	177,087 137,339 314,426 3,924 48,103 48,103 181,518 181,518 362,529 4,958 336 5,294 367,823	220,106 108,935 329,041 5,459 41,327 46,786 225,565 150,262 375,827 9,036 1,140 1,140	182,422 171,394 353,816 4,981 50,323 55,304 187,403 221,717 409,120 3,300 3,892 413,012	325,849 82,115 407,964 7,122 51,117 58,239 332,971 133,232 466,203 3,178 1,854 5,032 471,235	288,370 99,044 387,414 7,593 51,919 59,512 295,963 150,963 446,926 4,428 4,428 4,428 4,53,255	2,461,862 1,594,999 4,056,861 65,565 564,988 630,553 2,527,427 2,159,987 4,687,414 143,480 23,095 166,575 4,853,989	1,523,081 2,077,933 3,601,014 50,324 536,124 1,573,404 2,614,07 4,187,461 160,065 23,350 183,415 4,370,876
Ener Sale Ge Ge Fr	inces and exported: - Firm - Secondary	14,066 3,380 30,073 8,148	14,027 26,099 32,058 7,097	13,977 17,890 31,723 10,730	69,203 38,459 8,119 115,781	34,408 37,288 11,407 83,103	121,566 324,218 397,524 87,316 930,624	28,659 237,503 306,538 81,854 654,554
S	n Canada (13 - 18) ry 21)	312,156 96,004 2,008 98,012	306,722 88,818 1,417 90,235	338,692 100,551 2,473 103,024	355,454 101,334 288 101,622	100,220 100,220 100,506	1,162,979 25,478 1,188,457	1,176,844 43,798 1,220,642
		92,237 8,331 32,481 47,632	99,953 7,570 34,800 51,684	95,099 8,048 35,943 55,297	95,859 8,488 39,164 62,759	101,092 7,728 42,951 70,328	1,105,671 92,670 443,713 705,847	1,055,255 87,623 367,329 654,631
		1,952	4,083	2,383	2,455	2,492	27,009	24,091
30 Unallocated energy(2)	+ 29 + 30 + 31)	29,754 1,757 367,823	17,024 1,373 386,003	37,229 1,669 413,012	41,723 3,384 471,235		334,780 25,218 4,853,989	282,862 23,889 4,370,876

Supply and Disposal of Electric Energy - Continued

Sec generation: Sunity of Abertit county Collision Page Page Page Collision Page Collision Page Collision Page Collision Page Collision Page Collision Page		July			3,			1,1		11,9	68	11,987				320,175				1,646,928	1,64	1,	52,865		30,780	er.		0,3/9,438
Supply of electric energy Camaray Embrary March April Embrariant Embr		June			3,749,367	3,968,865	1,212,137	1,237,534	244,895	26,671						279,616	1,112	4 4	4,848,900	1,548,675	1,560,631	1,	7	861,905	29,572	3,182,836	l.	CCT 6 CC 7 6 C
Supply of electric energy Supply of electric electric electric energy Supply of electric el		May			4,222,274	4,407,455	1,334,//1	1,364,971 5,557,045	215,381 5,772,426	25,093	7,3	25,186 5,797,612				284,784	1,388	1 1	5,362,465	1,592,522	1,614,224	1,805,594	93,325	1,017,924	32,403	3,418,768	55,788	2,191,044
Supply of electric energy 1,39,380 3,900,161		April	thousand kwh.		4,001,162	4,299,063	1,2/2,/2/	1,298,878 5,273,889	324,052	31,819	CTT	31,934 5,629,875				223,877	1,488	1 1 1	5,272,122	1,578,039	1,587,411	1,834,830	477,740	1,015,936	33,906	3,433,735	61,749	0,00,420,6
Supply of electric energy Febr		March			4,284,485	4,597,434	33,669	1,388,646 5,639,462	346,618 5,986,080	24,434	CTT	24,547 6,010,627				263,607	1,580	7	5,619,255	1,637,298	1,644,061	1,822,461	76,129		33,825	3,495,204	64,127	0,010,027
Supply of electric energy	Quebec 1969	February			3,990,161	4,304,220	31,301	1,251,815	345,360	18,164	744	18,281 5,574,316				282,771	1,487		5,200,995	1,475,141	,48	1,846,688	525,764	1,200,377	34,972	3,680,419	67,286	0104697666
Supply of electric energy reation: lies - Hydro Thermal Its (1 + 2) Thermal Its (4 + 5) Thermal (2 + 12) Th		January			4,283,580	4,661,876	31,929	1,382,226 5,633,877	410,225	32,099	Chi	32,244 6,076,346				319,680	1,456		5,699,121	,57	1,581,799	1,846,863	519,058	1,143,966	34,184	3,616,317	73,909	040,010,0
					Utilities - Hydro Thermal	Totals (1 + 2)	Totale	Grand total - Hydro (1 + 4)	Total net generation (7 + 8)	Received from other provinces and imported. Imported from United States				Disposal of electric energy	En	Delivered to other provinces - Firm	Exported to United States - Firm	Total delivered to other provinces and exported (14 + 15 + 16 + 17)	Total made available for use in Canada (13 - 18)	Secondary	Total used in own plant (20 + 21)	Power - Firm	General service (commercial)	Domestic Farm(1)	Street lighting	26 + 27 + 28)	Distribution by non-respondents	

Supply and Disposal of Electric Energy - Continued

Quebec 1969 - Concluded

				thousand kwh.	ne cemper	1303	1968
		_	_				
Supply of electric energy						7.11	
Not conceptions							
Utilities - Hydro	3,826,845	3,790,367	4,290,536	4,367,308	4,716,621	49,321,106	45,931,465
Totals (1 + 2)	4,201,438	367,162	2/4,3/2	206,479	191,768	3,418,224	3,140,251
	1,252,374	1,269,882	1,404,025	1,455,973	1,437,887	15,815,020	15,645,474
	26,406	25,836	31,307	35,076	30,050	350,951	329,210
Grand total - Hydro (1 + 4)	5.079.219	5.060.749	5.694.561	5 823 281	1,46/,93/	16,165,971	15,974,684
	666,004	392,998	305,679	241,555	221,818	3,769,175	3,469,461
Total net generation (7 + 8)	5,480,218	5,453,247	6,000,240	6,064,836	6,376,326	68,905,301	65,046,400
Received from other provinces and imported:	8,746	17.895	23.708	36.387	24.121	281.039	308 101
	77	68	96	128	143	1,290	1,119
Total received from other provinces and imported	0 000	17 00%	700 00	212 20	, , , , , ,	000	0
Total supply of energy (9 + 12)	5,489,041	5,471,231	6,024,044	6,101,351	6,400,590	282,329	309,220 65,355,620
Disposal of electric energy							
Energy delivered to other provinces and eventrad.							
Delivered to other provinces - Firm	279,747	264,110	246,440	222,342	264,400	3,251,549	3,671,148
Exported to United States - Firm	132,323	113,882	1,4,20/	191,515	1/8,428	1,506,752	1,190,188
Secondary	358	1,532	2,526	850	1,790	14,781	20,559
lotal delivered to other provinces and exported	713 7.75	270 722	7.77 7.00	715 027	100 100	2/1 101 /	000
Total made available for use in Canada (13 - 18)	5,075,566	5,091,509	5,599,546	5,685,417	5,954,455	64,399,885	60,457,691
	1,600,691	1,557,375	1,609,758	1,613,474	1,663,840	19,089,802	17,754,54
Total used in own plant (20 + 21)	2,108	1,559,217	1,187	1 662,724	17,664	134,958	494,313
				1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1		0,01
Power - Firm	1,779,787	1,864,620	1,960,197	1,851,503	1,858,878	22,046,902	21,390,944
	56,498	58,465	75,797	81,330	73,450	848,958	723,693
Domestic	700,719	724,464	764,895	866,744	962,622	11,100,974	10,338,295
	1	1	1	1	1	1	1
Total sales to ultimate customers (24 + 24 + 25 +	30,554	31,456	28,760	47,103	38,824	406,339	399,674
26 + 27 + 28)	3,007,250	3,133,454	3,319,131	3,344,794	3,481,926	40,205,123	37,355,467
Unallocated energy(2)	416,238	342,374	997,809	616,011	719,977	4,235,711	4,138,079
Total disposal of energy (18 + 22 + 29 + 30 + 31)	5.489.041	5.471.231	6.024.044	61,888	71,048	724,288	715,288

Supply and Disposal of Electric Energy - Continued

Ontario 1969

	July			3,193,892 1,251,657 4,445,549 144,044 98,679 242,723 3,337,936 1,350,336 4,688,272 387,138 146,171 5,273,581		5,844 34,944 237,697	278,485 4,943,096 569,104 6,032 575,136	2,035,674 4,704 596,862 1,024,798	30,782 3,692,820 186,710 488,430 5,221,581
	June	-		3,502,265 1,063,764 4,566,029 146,030 109,009 255,039 3,648,295 1,172,773 4,821,068 117,089 498,834		6,105 34,422 236,768	277,295 5,042,607 580,015 8,392 588,407	2,077,975 3,418 593,890 996,689	29,821 3,701,793 304,950 447,457 5,319,902
	May	-		3,728,744 916,929 4,645,673 146,803 115,123 261,926 3,875,547 1,032,052 4,907,599 428,773 172,106		12,898 36,100 173,165	222,163 5,286,315 599,541 10,167 609,708	2,178,278 4,397 623,755 1,191,988	30,811 4,029,229 208,564 438,814 5,508,478
	April	thousand kwh.		3,264,545 1,531,894 4,796,439 128,420 107,075 235,495 3,392,965 1,638,969 5,031,934 350,818 153,269 5,031,934		22,084 34,960 190,633	247,677 5,288,344 552,342 7,390 559,732	2,481,570 7,258 636,737 1,238,073	30,715 4,394,353 - 60,102 394,361 5,536,021
	March	-		3,166,226 1,977,053 5,143,279 136,825 110,651 247,476 3,303,051 2,087,704 5,390,755 377,178 259,116	611060	12,534 35,880 205,146	253,560 5,773,489 592,612 1,726 594,338	2,209,509 4,320 656,650 1,402,335	31,796 4,304,610 351,095 523,446 6,027,049
Ontario 1969	February			2,846,039 1,923,131 4,769,170 126,203 111,709 237,912 2,034,840 5,007,082 362,238 215,072	1,004,000	12,838 32,726 156,568	202,132 5,382,260 535,932 1,238 537,170	2,016,989 5,561 674,408 1,349,127	31,318 4,077,403 255,953 511,734 5,584,392
	January			3,061,972 2,328,769 5,390,741 142,878 123,680 266,558 3,204,850 2,452,449 5,657,299 370,436 218,698	0,40,40,	19,635 35,691 177,418	232,744 6,013,689 593,829 3,606 597,435	2,180,494 6,193 683,982 1,400,924	32,499 4,304,092 527,860 584,302 6,246,433
		***	Supply of electric energy		Jotal supply of energy (9 † 12)	Ener De Ex		Sales to ultimate customers: Power - Firm Secondary General service (commercial) Farm(1)	Street lighting Total sales to ultimate customers (23 + 24 + 25 26 + 27 + 28) Unallocated energy(2) Distribution by non-respondents Total disposal of energy (18 + 22 + 29 + 30 + 31).
		S		1 2 3 3 4 4 4 6 6 6 7 7 8 8 9 9 11 11 11 11 11 11 11 11 11 11 11 11	7	14 15 16 17	18 19 20 21 21 22	23 24 25 25 26 27	28 29 30 31 31 32

Supply and Disposal of Electric Energy - Continued

Ontario 1969 - Concluded

No.			tagono	November	December	1969	1968
				thousand kwh.			
Supply of electric energy							
Net generation:							
Utilities - Hydro	3,055,268	2,866,055	3,098,926	3,292,637	3,325,183	38,401,752	36,707,488
Totals (1 + 2)	4,374,033	4,336,589	4,701,354	4,942,956	5,600,769	57,712,581	53.368
Industry - Hydro	136,657	131,947	150,712	152,734	152,702	1,695,955	1,631
Totals (4 + 5)	225.669	22,030	256,000	262 052	117,475	1,288,851	1,320,833
Grand total - Hydro (1 + 4)	3,191,925	2,998,002	3,249,638	3.445,371	3.477.885	40,097,707	38 338 711
Thermal (2 + 5)	1,407,777	1,563,372	1,705,810	1,760,537	2,393,061	20,599,680	17,981,723
Energy received from other provinces and imported:	4,599,702	4,561,3/4	4,955,448	5,205,908	5,870,946	60,697,387	56,320,434
Received from other provinces	411,890	376.057	418.242	411.401	439 698	715 617	701 000 7
Imported from United States	132,010	163,745	193,753	192,656	276,383	2,240,068	2,609,160
(10 + 11)	000 672	000	7	1			
Total supply of energy (9 + 12)	5,143,602	5,101,176	5,567,443	5,809,965	716,081	6,955,682	7,497,346
Disposal of electric energy							
Energy delivered to other provinces and exported:		10.64		A. Parasa II. July and			
Secondary	3,208	9,237	17,267	14.123	11.000	146.773	289 890
Exported to Unites States - Firm	35,622	34,678	36,283	34,880	34,763	420,949	414,605
Total delivered to other provinces and exported	239,405	212,763	214,329	155,388	260,536	2,459,816	2,114,271
(14 + 15 + 16 + 17)	278,235	256,678	267,879	204.391	306.299	3.027.538	2.818
Total made available for use in Canada (13 - 18)	4,865,367	4,844,498	5,299,564	5,605,574	6,280,728	64,625,531	60,999,014
chergy used in own plant - Firm	508,671	472,434	530,347	560,972	564,359	6,660,158	6,757,165
Total used in own plant (20 + 21)	4,054	5,208	2,658	10,762	15,115	76,348	53,487
Sales to ultimate customers:	744,143	7406//4	200,000	3/1,/34	2/9,4/4	0,730,300	0,810,652
Power - Firm	1,921,308	1,905,740	2,035,634	2,112,042	2,231,818	25,387,031	23,381,442
Secondary	4,742	6,144	2,074	4,147	3,744	56,702	53,259
Domestic	626,702	635,760	646,197	651,217	677,408	7,703,568	6,936,354
Farm (1)	000000000	240,312	1,241,909	1,110,004	1,202,28/	14,062,336	13,250,942
Street lighting	31,033	31,510	32,428	32,968	34,998	380,679	373,739
26 + 27 + 28)	3 520 115	3 578 066	070 070	000 710 0	L C L	71000	800
Unallocated energy(2)	413,543	398,016	2, 930, 242	5,947,036	4,153,555	47,590,316	44,035,736
Distribution by non-respondents	406,604	440,774	520,250	530,916	632,403	5,922,871	5,378,159
local disposal of energy (18 + 22 + 29 + 30 + 31)	5,143,602	5,101,176	5,567,443	5.809,965	6.587.027	67,653,069	63.817

Supply and Disposal of Electric Energy - Continued

Manitoba 1969

Supply of electric energy Supply of electric energy Co2, 099	2		January	February	March	April	Мау	June	July
Supply of electric energy State	04					thousand kwh.			
Net generation:		Supply of electric energy							
Principle of the province of									
Totals (1 + 2) Total supply of energy (9 + 12) Total sup	1	Net generation: Utilities - Hydro	693,732	602,099	635,969	551,960	553,375	525,546	533,059
Industry Update	3 2		719,055	612,242	640,170	552,713	555,758	527, 949	534,289
Total dilyered to other provinces and exported Exported to United States - Firm Integrated to other provinces and imported Total delivered to other provinces and exported Exported to United States - Firm Total delivered to other provinces and exported Exported to United States - Firm Total and available for use in Canada (13 - 18) Foreign use of the provinces and exported Total delivered to other provinces and exported Exported to United States - Firm Total delivered to other provinces and exported Exported to United States - Firm Total and work to other provinces and exported Exported to United States - Firm Total delivered to other provinces and exported Exported to United States - Firm Total delivered to other provinces and exported Exported to United States - Firm Total and work to other provinces and exported Exported to United States - Firm Total and work to other provinces and exported Exported to United States - Firm Total and work to other provinces and exported Exported to United States - Firm Total and work to other provinces and exported Exported to United States - Firm Total and work to other provinces and exported Exported to United States - Firm Total and work to other provinces and exported Exported to United States - Firm Total and work to other provinces and exported Exported to United States - Firm Total and work to other provinces and exported Exported to United States - Firm Total and work to other provinces and exported Exported to United States - Firm Total used in own plant (20 + 21) Exported to United States - Firm Total used in own plant (20 + 21) Exported to United States - Firm Exported to United States (10 + 10 + 10 + 10 + 10 + 10 + 10 + 10	7		5,242	4,937	5,493	4,851	4,809	4,225	4,518
Corand cost Paylor (1 +4) 268,974 607,036 601,402 558,811 558,814 558,	2	Totale (/, + 5)	6,015	5,699	6,452	5,502	5,732	5,359	5,510
Total met generation (7 + 8)	7		698,974	607,036	641,462	556,811	558,184	529,771	537,577
Processed from other provinces and imported:	00 0	()	26,096	10,905	5,160	1,404	3,306	533,308	539,799
Imported from the provinces and imported 70,388 61,803 62,314 55,340 50,599	^					0	000	n n	7 10 23
Total rectangle from the provinces and imported 795,458 619,744 708,336 616,555 620,388 509,744 708,336 616,555 620,388 509,744 708,336 616,555 620,388 509,744 708,336 616,555 620,388 509,744 708,336 616,555 620,388 509,744 708,336 616,555 620,388 509,744 708,336 616,555 620,388 509,744 708,336 616,555 620,388 620,	10		70,388	61,803	62,314	58,340	26,090	- 53,301	70,00
Total supply of energy (9 + 12)	11	Imported from United States	1						
Disposal of electric energy Pay, 438 Pay, 444 Pay, 144 P	71	(10 + 11)	70,388	61,803	62,314	58,340	58,898	55,501	56,017
Energy delivered to other provinces and exported: 1,565 1,820 856 1,142 1,002 2,873 1,270 1,536 1,306 Exported to United States - Firm	13		/95,458	0/9,/44	/00, 930	010,010	050,000	500,500	1000
Energy delivered to other provinces and exported: Exported to United States Firm Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces Total used in own plant (20 + 21) Total delivered in customer (20 + 21) Total delivered in customer (20 + 21) Total delivered in customer (20 + 21)							3 90		
Energy delivered to other provinces and exported: Delivered to other provinces and exported: Delivered to other provinces and exported: Exported to United States - Firm Secondary Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (15 + 15 + 16 + 17) Total delivered to other provinces and exported (16 + 15 + 16 + 17) Total delivered to other provinces and exported (17 + 15 + 16 + 17) Total delivered to other provinces and exported (17 + 15 + 16 + 17) Total delivered to other provinces and exported (17 + 15 + 16 + 17) Total delivered to other provinces and exported (17 + 15 + 16 + 17) Total delivered to other provinces and exported (17 + 12 + 18) Total delivered to other provinces and exported (17 + 17 + 17 + 17 + 17 + 17 + 17 + 17 +									
Energy delivered to other provinces and exported: Delivered to other provinces and exported: Delivered to other provinces and exported: Exported to other provinces - Firm Secondary Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total made available for use in Canada (13 - 18) Total made available for use in Canada (13 - 18) Total made available for use in Canada (13 - 18) Total used in own plant (20 + 21) Total used in own plant (20 + 21) Total used in own plant (20 + 21) Secondary Total used in own plant (20 + 21) Total used in own plant (20 + 21) Total used in own plant (20 + 21) Secondary Total used in own plant (20 + 21) Secondary Secondary Total used in own plant (20 + 21) Total used in own pla		Discount of oloopsis							
Exported to other provinces and exported: 1,565 1,820 1,820 1,820 1,306 1,309 1,309 1,309 1,109 1,009 1,009 1,009 1,009 1,009 1,009 1,006 1,006 1,007 1,006 1,007 1		usposal of execute energy							
1,565 1,820 856 1,142 1,042 1,042 1,042 1,042 1,306 1,142 1,306		Drown dolingred to other province and evented.							
Exported to United States - Firm	14		1,565	1,820	856	1,142	1,042	2,645	1,470
Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total made available for use in Canada (13 - 18) Energy used in own plant - Firm Secondary Secondary Secondary Total used in own plant (20 + 21) Total used in own plant (20 + 21) Sales to ultimate customers: Secondary Secondary Total used in own plant (20 + 21) Sales to ultimate customers: Ceneral service (commercial) 11,495 Sales to ultimate customers (23 + 24 + 25 + 635,677 Street lighting Total sales to ultimate customers (23 + 24 + 25 + 635,677 Domestic Street lighting Total sales to ultimate customers (23 + 24 + 25 + 635,677 Domestic Street lighting Total sales to ultimate customers (23 + 24 + 25 + 635,677 Domestic Street lighting Total sales to ultimate customers (23 + 24 + 25 + 635,677 Domestic Street lighting Total sales to ultimate customers (23 + 24 + 25 + 635,677 Domestic Street lighting Domestic Solution by non-respondents Total sales to ultimate customers (23 + 24 + 25 + 635,677 Domestic Street lighting Total sales to ultimate customers (23 + 24 + 25 + 635,677 Domestic Street lighting Domestic Solution by non-respondents	15	Recondary Printed States Rimm	2,873	1,270	1,536	2,999	1,306	L,2/J	100,00
Total delivered to other provinces and exported (14,142 2,349 3,091 Total delivered to other provinces and exported (14,142 18,170 Total made available for use in Canada (13 - 18) Total made available for use in Canada (13 - 18) Total made available for use in Canada (13 - 18) Total made available for use in Canada (13 - 18) Total made available for use in Canada (13 - 18) Total used in own plant (20 + 21) To	17	Secondary	ı	1	1	t	ı	1	1
Total used in own plant (20 + 21) Energy used in own plant (20 + 21) Fig. 1019 Energy used in own plant (20 + 21) Total used in own plant (20 + 21) Secondary Secondary Total used in own plant (20 + 21) Total used in own plant (20 + 21) Sales to ultimate customers: Remail Secondary Sales to ultimate customers Secondary Seconda	18		7. 7.30	3 001	2 303	4 142	2.349	3.920	10,154
Energy used in own plant - Firm Secondary Secondary Sales to ultimate customers (20 + 21) Total used in own plant (20 + 21) Sales to ultimate customers (23 + 25 + 25 + 4 + 25 + 25	19		791.019	676,653	706,543	612,413	618,039	584,889	585,662
Sales to ultimate customers: Total used in own plant (20 + 21) Sales to ultimate customers: Ceneral service (commercial) Sales to ultimate customers Farm(1) Total sales to ultimate customers Total sales to ultimate customers Secondary Secondary Secondary A,525 General service (commercial) 114,398 114,770 114,398 114,998 114,998 114,998 114,998 114,998 114,998 114,998 114,99	20	Energy used in own plant - Firm	62,250	55,228	62,231	52,798	59,966	57,119	58,207
Sales to used in own plant (20 + 21) Sales to used in own plant (20 + 21) Secondary S	21	Secondary	9,245	C	C	802	5,330	64.695	58,219
Power - Firm 243,899 232,379 258,382 255,836 257,629 2 2 3,574 4,525 General service (commercial) 114,398 109,517 96,501 89,755 77,027 Ceneral service (commercial) 144,220 193,583 158,294 147,206 123,722 1 2 4,277 1 4,979 5,186 50,711 7,483 7,099 5,877 4,979 5,877 606,643 572,934 547,855 499,784 Unallocated energy(2) 83,847 14,770 71,366 10,958 5,959 Distribution by non-respondents 2 24,389 24,389 25,000	77	Sales to ultimate customers:	C6+'T/	01,240					
General service (commercial) 14,324 General service (commercial) 114,398 114,320	23		243,899	232,379	258,382	255,836	257,629	254,803	260,680
Definition by non-respondents Light 200 Li	24	Secondary	3,574	4,525	96 501	89 755	77.027	76.341	73,477
Farm(1) 59,156 52,658 49,181 36,427 5,099 5,877 4,979 5,099 5,877 4,979 5,099 5,877 4,979 5,099 5,877 2,099 5,877 2,099 5,877 2,099 5,877 2,099 5,877 2,099 5,877 2,099 5,877 2,099 5,877 2,099 5,099	26	Domestic	214,220	193,583	158,294	147,206	123,722	117,140	115,389
Street lighting	27	Farm(1)	50,711	59,156	52,658	49,181	36,427	35,939	30,460
10tal sales to ultimate customers (23 + 24 + 25 + 635,677 606,643 572,934 547,855 499,784 25 + 27 + 27 + 27 + 27 + 27 + 27 + 27 +	28		8,875	7,483	7,099	5,877	4,979	4,316	5,032
Unallocated energy(2)	67	10tal sales to ultimate customers (23 + 24 + 25 + 26 + 27 + 28)	635,677	606,643	572,934	547,855	486, 184	489,838	485,038
Ulsribution by non-respondents	30	Unallocated energy(2)	83,847	14,770	71,366	10,958	52,959	30,356	47,40>
Total disposal of energy (18 + 22 + 29 + 31) 795.458 679.744 708.936 610,555 620,500	32	Distribution by non-respondents Total disposal of energy (18 + 2	795.458	679.744	708,936	616,555	620,388	588,809	595,816

See footnotes on page 4.

Supply and Disposal of Electric Energy - Continued

Manitoba 1969 - Concluded

Supply of electric energy Signification: Utilities - Hydro Figure		660,792 4,675 665,467 5,390 810 665,182 5,485	7		
Supply of electric energy S54,486 564,148 64,148 1,447 1,447 2,075 6,247 1,4	628,011 2,383 630,394 5,461 6,038 633,472 2,960 636,432	660,792 4,675 665,467 5,390 810 6,200 666,182	() () () () () () () () () ()	-	
Supply of electric energy	628,011 2,383 630,394 5,461 577 6,038 633,472 2,960 636,432	660,792 4,675 665,467 5,390 810 6,200 666,182			
Net generation:	628,011 2,383 639,394 5,461 577 6,038 633,472 2,960 636,432	660,792 4,675 665,467 5,390 810 6,200 666,182	0000		
Totals (1 + 2)	628,011 2,383 639,394 5,461 6,038 633,472 2,960 636,432	660,792 4,675 665,467 5,390 810 6,200 666,182	111000		
Totals (1 + 2) 1,447 2,075 6,20	630,394 5,461 577 63,472 2,960 636,432	4,675 665,467 5,390 810 6,200 666,182 5,485	/1/,900	7,221,077	6,404,704
Industry - Hydro 19472 1	5,461 5,461 5,77 6,33,472 2,960 6,36,432	5,390 5,390 6,200 666,182	11,820	7 280 013	298,597
Totals (4 + 5) 5,594 5,594 6,7	6,038 633,472 2,960 636,432	810 6,200 666,182 5,485	5,802	60,512	63,231
Crand total - Hydro (1 + 4) 5,949	6,038 633,472 2,960 636,432	666,182 5,485	902	9,842	745
Total net generation (7 + 8)	2,960	5,485	6,704	7 281 589	63,976
Disposal of electric energy Cotal mornted to other provinces and exported: Disposal of electric energy Cotal cother provinces and exported Cotal cother provinces - Firm Cotal cother provinces and exported Cotal cother cot	636,432		12,722	78,678	299,342
Disposal of electric energy 24,043 56,492		6/1,66/	736,424	7,360,267	6,767,277
Imported from United States	902 09	28 778	65 145	717 895	754 785
Total received from other provinces and imported 54,043 56,492	0000	-	1	000614	
Total supply of energy (9 + 12) 56,492 628,309 615,525 628,309 615,525 628,309 615,525 628,309 615,525 628,309 615,525 628,309 615,525 628,309 615,525 628,309 615,525 628,309 615,525 628,309 615,525 628,309 615,525 628,309 615,525 628,309 615,525 628,309 628,304 615,525 628,309 628,304 6			1	1	
Energy delivered to other provinces and exported: Delivered to other provinces - Firm Delivered to other provinces - Firm Secondary Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total made available for use in Canada (13 - 18) Total used in own plant (20 + 21) Sales to ultimate customers: Power - Firm Secondary Secondary Secondary Secondary Secondary Total used commercial) Sales to ultimate customers: Rower - Firm Secondary Secondary Total used in own plant (20 + 21) Secondary Secondary Total used in own plant (20 + 21) Secondary Secondary Total used in own plant (20 + 21)	696,938	58,448	65,145 801,569	717,895	754,785
Energy delivered to other provinces and exported: Delivered to other provinces and exported: Exported to United States - Firm Secondary Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total made available for use in Canada (13 - 18) Total used in own plant (20 + 21) Sales to ultimate customers: Power - Firm Secondary Secondary Secondary Total used in own plant (20 + 21) Secondary Secondary Total used in own plant (20 + 21) Secondary Secondary Total used in own plant (20 + 21) Secondary Secondary Total used in own plant (20 + 21)					
Disposal of electric energy Company Comp					
Energy delivered to other provinces and exported: 1,613 895 Delivered to other provinces - Firm 24,088 11,925 Exported to United States - Firm 24,088 11,925 Exported to United States - Firm - - Secondary - - Total delivered to other provinces and exported 25,701 12,820 Total made available for use in Canada (13 - 18) 56,389 56,389 Energy used in own plant - Firm Secondary 56,401 59,280 Sales to ultimate customers: Power - Firm 261,295 271,050 Power - Firm 35,280 General service (commercial) 73,663 77,704 Domestic 112,163 112,086					
Exported to other provinces and exported: Delivered to other provinces - Firm Secondary Exported to United States - Firm Secondary Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total made available for use in Canada (13 - 18) Total used in own plant (20 + 21) Sales to ultimate customers: Power - Firm Sacondary Secondary Secondary A3,663 Total used in own plant (20 + 21) Sales to ultimate customers: Canadary Secondary Secondary Total used in own plant (20 + 21) Sales to ultimate customers: Canadary Total used in own plant (20 + 21) Secondary Total used in own plant (20 + 21) Total used in own plant (20 + 21) Secondary Total used in own plant (20 + 21) Secondary Total used in own plant (20 + 21) Total used in own plant (20 + 21) Secondary Total used in own plant (20 + 21)					
Exported to other provinces and exported: Delivered to other provinces - Firm Secondary Exported to United States - Firm Secondary Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total made available for use in Canada (13 - 18) Energy used in own plant (20 + 21) Sales to ultimate customers: Power - Firm Sacondary Sacondary Total used in own plant (20 + 21) Sacondary Fower - Firm Sacondary Total used in own plant (20 + 21) Sacondary Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21) Sacondary Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21) Sacondary Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21) Sacondary Total used in own plant (20 + 21)					
Exported to United States - Firm	000	1 002	1 287	16 352	//0 //73
Exported to United States - Firm Secondary Total delivered to other provinces and exported (14 +15 +16 +17) Total made available for use in Canada (13 - 18) Secondary Total used in own plant - Firm Secondary Sales to ultimate customers: Power - Firm Power - Firm Sales to ultimate customers: Power - Firm Secondary Secondary Secondary 12,820 399 399 56,401 59,280 General service (commercial) 17,704 Domestic 112,820 12,820 12,820 12,820 12,820 12,830 13,630 14,415 15,704 112,163 112,164 112,165 112	4,862	2,848	1,353	65,019	201,468
Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total made available for use in Canada (13 - 18) 589,824 615,489 Energy used in own plant - Firm 5econdary 56,389 Total used in own plant (20 + 21) 56,401 Sales to ultimate customers: 5econdary 5e,389 Fower - Firm 5econdary 5e,389 Sales to ultimate customers: 5e,401 Sales to ultimate customers: 5e,401 Sales to ultimate customers: 5e,401 Dower - Firm 75,704 Ceneral service (commercial) 73,663 Total used in own plant (20 + 21) 59,280 Sales to ultimate customers: 5e,401 Sales to ultimate customers: 5e,401 Total used in own plant (20 + 21) 59,280 Total used in own plant (20 + 21) 59,280 Total used in own plant (20 + 21) 59,280 Total used in own plant (20 + 21) 59,280 Total used in own plant (20 + 21) 59,280 Total used in own plant (20 + 21) 59,280 Total used in own plant (20 + 21) 59,280 Total used in own plant (20 + 21) 59,280	,	1	ſ	9	2
Total made available for use in Canada (13 - 18) 25,701 12,820	1	1	t	1	1
Total made available for use in Canada (13 - 18)	5,782	3,946	2,640	81,377	250,943
Energy used in own plant - Firm 56,389 56,881 399 56,401 Secondary Sales to ultimate customers: Power - Firm 261,295 271,050 Secondary Secondary 73,663 77,704 Domestic 112,163 119,086	691,156	726,169	798,929	7,996,785	7,271,119
Total used in own plant (20 + 21) 56,401 59,280 Sales to ultimate customers: Power - Firm 261,295 271,050 Secondary 73,663 77,704 Domestic 71,086	7 605	01,880	8 626	53.869	61.705
Sales to ultimate customers: 261,295 271,050 Power - Firm 73,663 77,704 Ceneral service (commercial) 73,663 77,704 Domestic 112,163 119,086	70,300	76,118	72,579	765,466	748,516
Power - Kirm 261,295 271,050 2 Secondary 73,663 77,704 Domestic 112,163 119,086 1			L T	C	000
General service (commercial) 73,663 77,704 Domestic 112,163 119,086	269,299	274,186	285,915	3,125,353	2,685,605
Domestic	85.456	97.083	105,715	1,076,637	960,662
	,	151,542	164,734	1,750,997	1,722,156
Farm(1) 28,701 31,173		36,620	47,839	489,558	442,614
26 Street ingiting 6,654 7,952	7,952	9,088	7,704	100,20	660,11
26 + 27 + 28)		568,519	613,987	6,534,794	5,929,692
Unallocated energy(2)		81,532	112,363	696,525	592,911
32 Total disposal of energy (18 + 22 + 29 + 30 + 31) 615,525 628,309 696,938	- 696,938	730,115	801,569	8,078,162	7,522,062

Supply and Disposal of Electric Energy - Continued

Saskatchewan 1969

Supply of electric energy Net generation: Utilities - Hydro Thermal Totals (1 + 2) Industry - Hydro Thermal	288,109 256,163 544,272 7,044	248,920 210,524 459,444 6,336	242,834 222,994 465,828 7,436	273,143 127,757 400,900 7,015	302,065 106,031 408,096 6,682	258,623 139,487 398,110 6,782	293,256 92,727 92,727 385,983 6,043
Totals (4 + 5) Grand total - Hydro (1 + 4) Total net generation (7 + 8) Energy received from other provinces and imported: Imported from other provinces Total received from other provinces Total received from other provinces and imported (10 + 11) Total supply of energy (9 + 12)	18,126 295,153 267,245 562,398 4,345 4,345 566,743	16,541 255,254 220,729 475,985 2,452 2,452 478,437	20,282 250,270 235,846 486,116 2,157 2,157 488,273	10,615 17,828 280,158 138,570 418,728 3,776 422,504	18,387 308,747 117,736 426,483 1,551 1,551 428,034	265,405 265,405 150,156 415,561 2,013 417,574	17,907 299,299 104,591 403,890 8,193 412,083
Energy delivered to other provinces and exported: Delivered to other provinces - Firm	60,162	54,218	58,064	50,663	56,459	54,208	54,971
(14 + 15 + 16 + 17) Total made available for use in Canada (13 - 18) Energy used in own plant - Firm Secondary Total used in own plant (20 + 21)	60,979 505,764 17,336 17,336	55,004 423,433 15,802 15,802	59,017 429,256 19,335 19,335	52,030 370,474 18,060 18,060	57,162 370,872 17,295 17,295	54,923 362,651 15,426 15,987	55,410 356,673 16,577 16,577
Power - Firm Secondary General service (commercial) Domestic Farm(1) Farm(1) Total sales to ulfimate customers (23 + 24 + 25 +	142,935 81,013 123,350 41,340 4,714	188,063 - 39,000 119,655 58,130 3,878	163,167 35,676 92,137 60,366	210,073 31,926 78,428 55,056 2,959	161,890 32,157 64,830 53,398 2,476	160,130 31,665 62,107 46,283 2,135	167,860 32,207 58,614 37,636 2,339
Unallocated energy(2) Distribution by non-respondents Total disposal of energy (18 + 22 + 29 + 30 + 31)	393,352 88,882 6,194 566,743	408,726 - 8,871 7,776 478,437	354,977 47,666 7,278 488,273	378,442 - 33,223 7,195 422,504	314,751 31,753 7,073 428,034	302,320 34,742 9,602 417,574	298,656 32,269 9,171 412,083

Supply and Disposal of Electric Energy - Continued

Saskatchewan 1969 - Concluded

## Chousand Keth. 210,174		August	September	October	November	December	1969	1968
Supply of electric energy 1279,327 110,174 1202,567 196,826 244,706 3,1040,732 100,032					thousand kwh.			
National Context provinces and exported: 15,971 15,	Supply of electric energy							
115,971 191,005 242,010 259,048 275,447 27,209 65,549 259,048 275,447 27,209 65,549 259,048 275,447 27,209 27,549 27,209 2	vdro	779 970	210 12%	795 606	300 901	000	C C C C C C C C C C C C C C C C C C C	
53,249 41,179 445,180 45,549 50,155 5,20,155 5,20,155 5,20,155 5,20,155 5,20,155 5,20,285 11,443 11,540 11,448 11,045 11,005 11,000 11,446 11,005 11,000 11,646 11,000 11,646 11,000 11,646 11,000 11,646 11,000 11,646 11,000 11,646 11,000 11,646 11,000 11,646 <td< td=""><td>: :</td><td>115,971</td><td>191,005</td><td>242,613</td><td>259,048</td><td>275,447</td><td>2,239,767</td><td>2,972,622</td></td<>	: :	115,971	191,005	242,613	259,048	275,447	2,239,767	2,972,622
112,443 11,540 11,1248 11,645 11,005 135,466 15,814 11,005 135,466 11,000 135,466 12,814 11,005 12,5394 209,020 203,375 251,443 31,120,314 428,533 425,881 473,468 251,445 31,120,314 428,533 425,881 473,468 25,376,233 42,96,270 12,080 5,336	- Hydro	6,390	5,820	445, L&U	6,549	520,155	5,280,519	4,642,297
28, 944 209, 020 17, 73 1120, 731 1128, 414 202, 934 209, 030 203, 375 205, 447 31120, 231, 444 209, 030 203, 375 205, 446 3120, 237 468 212, 986 12, 986 12, 986 23, 386 203, 376 203, 466 23, 496, 270 23, 868 203, 436, 120, 986 22, 466 71, 483 203, 986 23, 490, 270 23, 866 23, 490, 270 203, 428, 920 23, 889 20 2, 406 71, 483 203, 989 20 2, 406 203, 418, 949 203, 920 203		12,443	11,540	11,248	11,045	11,000	136,466	122,512
123,444 202,545 253,861 270,093 286,447 2,725,023 414,331 418,539 422,881 473,468 537,890 5,496,270 5,496,	(4 + 2)	285,917	215 994	204,/01	203 375	17,735	215,751	208,070
23,868 12,080 5,336 3,306 2,406 71,483 23,868 12,080 5,336 3,306 2,406 71,483 438,199 430,619 468,217 476,774 540,296 5,567,753 340 490 789 666 2,537 10,602 <	: :	128,414	202,545	253,861 462,881	270,093	286,447	2,376,233	1,755,233 3,095,134 4,850,367
23,868		23.868	12 080	5 336	3 306	907 6	28.7	197, 600
23,868 12,080 5,336 3,306 2,406 5,567,753 4,38,199 4,30,619 4,68,217 4,76,774 540,296 5,567,753 52,941 55,273 58,920 57,159 59,059 672,097 34,0 490 789 666 2,537 10,602 <			000	,		201 1	- '1,403	104,009
52,941 55,273 58,920 57,159 59,059 672,097 783 784,918 78,920 57,189 59,089 672,097 789 672,097 789 672,097 789 672,097 789 686,682 682,699 78,918 78,918 78,856 682,699 78,870 78,856 7	(10 + 11)	23,868	12,080	5,336	3,306	2,406	71,483	184,609
52,941 55,273 58,920 57,159 59,059 672,097 10,602 2,537 10,602 2,537 10,602 2,537 10,602 2,537 10,602 2,537 10,602 2,537 10,602 2,537 10,602 2,537 10,602 2,537 10,602 2,537 10,602 2,537 10,602 2,537 10,602 2,537 2,53	TOTAL Supply of energy (7 + 12)	436,199	430,619	468,21/	4/6,774	540,296	5,567,753	5,034,976
52,941 55,273 58,920 57,159 59,059 672,097 340 490 789 666 2,537 10,602 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - 18) - - - - - - 18) - - - - - - - - - - - - - - <								
52,941 55,273 58,920 57,159 59,059 672,097 789 666 2,537 10,602 789 666 2,537 10,602 789 672,097 789 666 2,537 10,602 789 672,097 789 666 2,537 10,602 789 672,097 789 666 2,537 10,602 789 682,699 672,097 682,699 672,097 682,699 672,097 67,829 67,829 672,097 672,097 67	Disposal of electric energy							
52,941 55,273 58,920 57,159 59,059 672,097 340 490 789 666 2,537 10,602 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - <								
34.0 490 50,520 57,825 57,037 072,097 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -		5.2 97.1	55 22	000	001	C u	000	0 1
53,281 55,763 59,709 57,825 61,596 682,699 384,918 374,856 408,508 418,949 478,700 4,885,054 11,984 15,645 16,229 15,460 16,556 1,994,22 10,985 16,499 16,372 17,192 204,289 11,084 16,499 16,372 17,192 204,289 11,084 16,499 16,372 17,192 204,289 11,084 16,499 16,372 17,192 204,289 11,084 16,499 16,372 17,192 204,289 11,084 16,499 16,372 17,192 204,289 11,084 16,499 181,416 17,192 204,289 11,094 18,482 32,866 33,962 35,525 451,226 11,094 14,482 32,386 33,962 35,525 454,900 11,094 34,312 4,175 4,607 44,549 42,284 11,094 34,312 4,175 4,607 5,105 4,601,171 11,007 43,619		340	490	789	999	2,537	10,602	6,071
53,281 55,763 59,709 57,825 61,596 682,699 384,918 374,856 408,508 418,949 478,700 4,885,054 10,084 15,645 16,029 15,460 16,556 199,422 1,084 16,985 16,499 16,849 16,372 17,192 204,289 10,985 16,9143 185,260 181,416 173,720 2,063,629 159,972 169,143 185,260 181,416 173,720 2,063,629 159,972 169,143 185,260 181,416 173,720 2,063,629 159,972 31,482 32,866 33,962 38,525 451,226 16,914 31,482 32,866 33,962 38,525 454,900 17,192 17,30 17,30 17,30 17,20 2,063,629 18,144 34,362 35,126 39,540 44,549 544,590 18,193 300,154 4,175 4,607 5,105 40,01,171 10,072 9,514 8,517 4,607 5,567,754 56,527	Exported to United States - Firm	1 1	1 1	1 1	f I	1 (1 (1 1
53,281 55,763 59,709 57,825 61,596 682,699 15,901 15,645 408,508 418,449 478,700 4,885,054 15,901 15,645 16,985 16,499 16,372 15,501 4,865,054 10,985 16,499 16,499 16,849 16,372 17,192 204,289 10,985 16,499 16,849 16,372 17,192 204,289 11,084 16,499 181,416 173,720 2,063,629 12,413 2,413 2,413 2,909 13,747 31,482 32,866 33,962 38,525 451,226 14,607 34,362 35,126 44,549 544,590 15,844 30,114 34,31 4,175 4,607 5,105 11,10,072 3,431 4,175 4,607 5,105 42,284 11,00,072 9,514 86,539 349,982 349,885 522,774 11,00,072 9,514 88,217 476,774 540,296 5,567,753 11,00,072 9,514 88,217 476,774 540,296 5,567,753	Total delivered to other provinces and exported							1
15,901 15,645 16,029 15,460 16,556 199,422 1,084 16,499 16,029 15,460 16,556 199,422 1,084 16,499 16,849 16,372 17,192 204,289 1,084 16,499 185,260 181,416 173,720 2,063,629 33,747 31,482 32,866 33,962 35,525 451,226 56,514 61,736 70,338 79,961 88,553 544,900 56,514 34,362 35,126 4,607 5,105 42,284 4,67 4,175 4,607 5,105 42,284 5,680 48,689 54,903 55,295 16,989 522,774 65,680 430,619 468,217 476,774 540,296 5,567,738		384,918	374, 856	59,709	57,825	61,596	682,699	661,044
1,084 854 16,499 16,499 16,499 16,499 16,499 16,499 16,499 16,499 16,499 16,499 16,4289 4,867 4,867 4,867 4,867 4,867 4,867 4,867 4,867 4,867 2,413 2,903	Energy used in own plant - Firm	15,901	15,645	16,029	15,460	16,556	199,422	193,592
159,972 169,143 185,260 181,416 173,720 2,063,629 16,372 17,192 204,289 16,372 17,192 2,063,629 204,289 16,372 17,192 2,063,629 2,413 2,909 2,413 2,909 2,413 2,909 2,413 2,909 2,413 2,909 2,413 2,909 2,9114 34,362 35,126 39,540 44,549 5,400 2,834 34,362 3,436 3,436 3,431 4,175 4,607 5,105 4,061,171 2,209 2,181 300,154 2,903 25,295 104,989 2,527,74 2,242 2,243 2,349,865 2,567,734 2,249,30,1192 2,243 2,243 2,243 2,243 2,243 2,244	Secondary	1,084	854	820	912	636	4,867	1,845
159,972 169,143 185,260 181,416 173,720 2,063,629 33,747 31,482 32,866 33,962 35,525 451,226 56,514 34,362 35,126 39,540 44,549 56,514 34,362 35,126 39,540 44,549 65,680 48,689 54,903 55,295 104,989 65,680 48,689 54,601,771 65,680 48,889 7,303 5,205 104,989 65,680 48,889 7,303 5,205 104,989 65,680 48,889 7,303 6,567,739 65,680 48,889 7,303 6,567,739 65,680 48,889 7,303 6,567,739 65,680 48,889 7,303 6,567,739 65,680 48,889 7,303 6,567,739 65,680 48,891 7,303 6,567,739 65,680 48,891 7,303 6,567,739 65,680 65,680 6,564 65,680 6,540 6,554 65,680 6,540 6,540 65,680 6,540 65,680 6,540 6,540 65,680 6,540 6,540 65,680	(T7 L 07)	10,900	10,499	10,849	10,3/2	17,192	204,289	195,43/
mercial) 33,747 31,482 32,866 33,962 35,525 451,226 56,514 61,736 70,338 79,961 88,525 956,223 956,223 39,114 34,362 35,126 39,540 44,549 544,900 2,834 3,431 4,175 4,607 5,105 42,284 imate customers (23 + 24 + 25 + 292,181 300,154 327,765 339,982 349,865 4,061,171 65,680 48,689 54,903 55,295 104,989 522,774 96,820 89,11 7,300 6,654 5,567,739 89,11 7,301 4,38,199 430,619 468,217 4,76,774 540,296 5,567,739	- Firm	159,972	169,143	185,260	181,416	173,720	2,063,629	1,745,530
56,514 61,736 70,338 79,961 88,553 956,223 39,114 34,362 35,126 44,549 540.50 imate customers (23 + 24 + 25 + 292,181 300,154 327,765 339,982 349,865 4,061,171 spondents 65,680 48,689 54,903 55,295 104,989 522,774 gy (18 + 22 + 29 + 30 + 31) 438,199 468,217 476,774 540,296 5,567,738		33.747	31,482	32.866	33 962	35 525	2,909	375 088
39,114 34,362 35,126 39,540 44,549 544,900 5,105 4,175 4,607 5,105 42,284 42,284 4,607 5,105 42,284 42,284 4,607 5,105 42,284 4,607 5,105 42,284 4,607 5,105 42,284 4,607 5,105 42,284 4,607 5,105 42,284 4,607 5,105 42,284 4,607 5,105 42,284 4,607 5,105 43,865 4,061,171 438,199 430,619 430,619 468,217 4,76,774 540,296 5,567,739		56,514	61,736	70,338	79,961	88,553	956,223	878,930
imate customers (23 + 24 + 25 + 292,181 300,154 3.27,765 339,982 349,865 4,061,171 48,689 55,295 104,989 522,774 56,054 69,820 48,889 514 8,991 7,300 6,654 96,820 89,18 + 22 + 29 + 30 + 31) 438,199 430,619		39,114	34,362	35,126	39,540	644,246	244,900	481,496
		2,834	3,431	4,175	4,607	5,105	42,284	35,259
65,680 48,689 54,903 55,295 104,989 522,774 65,680 10,072 95,144 89,91 7,300 6,654 96,820 88,199 42,42,42,43,431,300 430,619 448,217 4,677,74 540,296 5,567,753	26 + 27 + 28)	292,181	300,154	327,765	339,982	349,865	4,061,171	3,516,303
438,199 430,619 468.217 476.774 540.296 5.567.753	Unallocated energy(Z)	10,023	48,689	54,903	55, 295	104,989	522,774	613,316
	Total disposal of energy (18 + 22 + 29 + 30 + 31)	438,199	430,619	468,217	476,774	540,296	5,567,753	5,034,976

Supply and Disposal of Electric Energy - Continued

Alberta 1969

Supply and Disposal of Electric Energy - Continued

Alberta 1969 - Concluded

No.		August	September	October	November	December	1969	1968
					thousand kwh.			
	Supply of electric energy						-	
7 7 7	Net generation: Utilities - Hydro Thermal Totals (I + 2) Industry - Hydro	164,687 456,472 621,159	113,254 530,449 643,703	63,106 635,682 698,788	70,595 650,092 720,687	104,001 707,215 811,216	1,376,170 6,775,506 8,151,676	1,063,211 6,003,214 7,066,425
10000	Gr	49,628 49,628 164,687 506,100 670,787	55,320 55,320 113,254 585,769	55,956 55,956 63,106 691,638	53,107 53,107 70,595 703,199	51,527 51,527 104,001 758,742	634,136 634,136 1,376,170 7,409,642	594,971 594,971 1,063,211 6,598,185
11	Ener Re Im	2,160	2,035	968	226	146	17,317	24,528 24,528 954
13	Total supply of energy (9 + 12)	2,237 673,024	2,120 701,143	1,053	317	242 862,985	18,366	25,482 7,686,878
	Disposal of electric energy							
14 15 16 17 18	Ener	1,565	1,535	3,846	96,111	13,131	51,309	24,043
19 20 21	(14 + 15 + 16 + 17) Total made available for use in Canada (13 - 18) Energy used in own plant - Firm Secondary	1,565 671,459 62,322	1,535 699,608 67,591	3,846 751,951 68,602	6,395 767,716 65,392	13,131 849,854 64,128	51,309 8,752,869 778,935	24,043 7,662,835 727,072
22	S	62,322	67,591	68,602	65,392	64,128	778,935	727,072
24 25	General service (commercial)	202,730	116 737	2/0,851	281,895	281,120	3,222,822	2,636,853
26 27 28		102,123 102,123 26,987 9,771	94,715 36,321 10,588	117,865 34,460 12,435	126,559 34,833 13,673	153,812 41,287 14,681	1,490,094 1,553,895 513,332 131,805	1,319,620 1,402,535 473,311 118.469
30	Total sales to ultimate customers $(23+24+25-26+27+28)$ Unallocated energy(2)	514,923	533,110	553,179	580,054	630,415	6,912,548	5,950,788
32		9,427 673,024	10,048	11,211	11,664	12,943	130,562	114,801
See	See footnotes on page 4.							

Supply and Disposal or Electric Energy - Continued

British Columbia 1969

	987,095 987,095 11,273,623 887,829 112,625 1,000,454 1,874,924		P -	chousand kwn.			
generation: illities - Hydro Thermal Totals (1 + 2) dustry - Hydro Thermal Totals (4 + 5) d total - Hydro (1 + 4) Thermal (1 + 4)	987,095 286,528 286,528 1,273,623 887,829 112,625 1,000,454 1,874,924						
Thermal + 5) Whereof (1 + 4) Thermal (2 + 5)	112,625 1,000,454 1,874,924	790,365 318,656 1,109,021	921, 636 250, 618 1, 172, 254	978,340 159,073 1,137,413	1,078,566 70,203 1,148,769	1,047,599 28,006 1,075,605	1,048,920 6,983 1,055,903
	2,274,077	815,867 103,184 919,051 1,606,232 421,840 2,028,072	903,155 116,976 1,020,131 1,824,791 367,594 2,192,385	856,765 106,202 962,967 1,835,105 265,275 2,100,380	855,704 122,212 977,916 1,934,270 192,415 2,126,685	825,605 109,439 935,044 1,873,204 137,445 2,010,649	818,565 105,601 924,166 1,867,485 112,584 1,980,069
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7,278	7,091	4,809	1,245	1,272	798	1,047
lotal received from other provinces and imported (10 + 11)	245,438 2,519,515	2,239,672	219,304	170,323	43,447	40,209	87,803
Disposal of electric energy							
Energy delivered to other provinces and exported: Delivered to other provinces - Firm	308	148	518	2,593	2,992	2,985	2,238
Exported to United States - Firm	597 171,539	410	378 152, 393	, 422 172,522	306 42,139	317	414 25,069
	172,444 2,347,071 1,042,897	145,683 2,093,989 971,223	153,289 2,258,400 1,073,056	175,537 2,095,166 1,033,543	45,437 2,124,695 1,096,627	23,112 2,027,746 1,057,075	27,721 2,040,151 1,055,253
Total used in own plant (20 + 21)	1,042,897	971,223	1,073,056	1,033,543	1,096,627	1,057,075	1,055,253
Power - Firm	372,391 1,552 267,598 482,047	366,447 1,688 255,230 448,507	392,761 1,511 241,766 367,039	390,291 1,754 241,415 352,223	382,193 1,810 213,140 305,110	382,111 1,175 171,848 142,376	376,551 1,988 201,572 256,449
	13,648	11,701	11,265	9,354	8,010	607,9	7,400
	1,137,236 130,154 36,784 2,519,515	1,083,573 11,266 27,927 2,239,672	1,014,342 145,444 25,558 2,411,689	995,037 44,587 21,999 2,270,703	910,263 97,395 20,410 2,170,132	703,919 246,966 19,786 2,050,858	843,960 120,651 20,287 2,067,872

Supply and Disposal of Electric Energy - Continued

British Columbia 1969 - Concluded

- ON		20000	Taginardae	October	November	December	1969	1900
1					thousand kwh.			
	Supply of electric energy							
087654321	Net generation: Utilities - Hydro Thermal Totals (1 + 2) Industry - Hydro Thermal Totals (4 + 5) Grand total - Hydro (1 + 4) Total net generation (7 + 8) Energy received from other provinces and imported	1,150,005 85,058 1,235,063 879,456 118,730 998,186 2,029,461 2,029,461 2,029,461 2,033,249	1,151,522 190,299 1,341,821 879,917 108,592 988,509 2,031,439 298,891 2,330,330	1,237,477 34,705 1,272,182 934,992 103,948 1,038,940 2,172,469 138,653 2,311,122	1,281,217 15,468 1,296,685 877,211 106,256 983,467 2,158,428 111,724 2,280,152	1,323,469 47,342 1,370,811 900,707 106,073 1,006,780 2,224,176 153,415 2,377,591	12,996,211 1,492,939 14,489,150 10,489,150 11,319,838 11,755,611 23,431,984 2,812,777 26,244,761	9,503,941 2,703,062 12,207,003 9,640,043 1,357,055 10,997,098 19,143,984 4,060,117 23,204,101
11 12 13	Received from other provinces Imported from United States. Total received from other provinces and imported (10 + 11) Total supply of energy (9 + 12)	1,2/8 5,954 7,232 2,240,481	1,523 1,807 3,330 2,333,660	3,515 5,817 9,332 2,320,454	6,389 25,980 32,369 2,312,521	12,807 32,895 45,702 2,423,293	1,067,037 1,116,089 27,360,850	22,012 1,494,179 1,516,191 24,720,292
	Disposal of electric energy							
14 15 16 17	Energy delivered to other provinces and exported: Delivered to other provinces - Firm	2,160 424 161,707	2,035 375 219,097	968	226 - 425 67,660	146 559 35,949	17,317 5,034 1,297,477	24,528 4,219 698,748
19 20 21	Total delivered to other provinces and exported (14 + 15 + 16 + 17). Total made available for use in Canada (13 -18) Energy used in own plant - Firm	164,291 2,076,190 1,042,530	221,507 2,112,153 1,040,732	85,842 2,234,612 1,062,951	68,311 2,244,210 1,034,051	36,654 2,386,639 1,083,380	1,319,828 26,041,022 12,593,318	727,495 23,992,797 11,919,404
22 23 23	Total used in own plant (20 + 21) Sales to ultimate customers: Power - Firm	1,042,530	1,040,732	1,062,951	1,034,051	1,083,380	12,593,318	11,919,404
24 25 26 26	Secondary service (commercial)	1,932 205,505 251,192	1,822 215,531 263,527	1,619 230,028 294,952	1,794 266,582 342,447	2,138 252,730 387,146	20,783 2,762,945 3,893,015	19,847 2,552,227 3,677,713
28 29 29	Street lighting Street sales to ultimate customers (23 + 24 + 25 +	8,911	10,193	11,969	13,427	14,849	127,136	117,484
30 31 32		877,490 135,174 20,996 2,240,481	877,735 172,218 21,468 2,333,660	963,539 180,298 27,824 2,320,454	1,015,109 167,751 27,299 2,312,521	1,074,456 195,826 32,977 2,423,293	11,496,659 1,647,730 303,315 27,360,850	10,599,806 1,196,778 276,809 24,720,292

Supply and Disposal of Electric Energy - Continued

Yukon 1969

	July			7,499 675 8,174 7,499 7,499 7,499	8,174			8,174 49 11 60	4,022 740 1,389 1,376	7,585 7,585 529 8,174
	June			7,138 661 7,799 7,138	662.4		1 1 1 1	7,799 54 19 73	4,505 841 1,641 1,588	8,635
	May		-	7,903 816 8,719 - - 7,903 816	8,719		1 1 1 1	8,719 75 45 120	4,424 1,121 1,795 1,711	9,112 - 513 8,719
	April	thousand kwh.		8,478 866 9,344 2,478 8,478 866	9,344		1 1 1 1	9,344	4,445 1,214 1,798 1,909	9,427 - 431 - 9,344
	March	-		9,109 1,116 10,225 9,109 1,116	10,225		1 1 1 1	10,225 98 56 154	4,806 1,471 2,060 2,199	10,597
rukon 1969	February			9,617	10,858		1 1 1 1	10,858 63 67 130	5,189 1,555 2,171 2,642	11,616 - 888 - 10,858
	January			10,607 1,528 12,135 - - 10,607 1,528	12,135		(1	12,135 124 88 212	5,912 1,222 2,121 2,721	12,033 - 110 12,135
	0,0		Supply of electric energy	Net generation: Utilities - Hydro Thermal Therma	<u>립</u> 인	Disposal of electric energy	Ener	Total used in own plant (20 + 21) Total used in own plant (20 + 21) Sales to ultimate customers:	Power - Firm Secondary General service (commercial) Domestic Farm(1)	Total disposal of energy (18 + 22 + 29 + 30 + 31)
	No			0870000	10 111 12 13		14 15 16 17 17	19 20 21 22	23 24 25 26 27 27	30 31 32

Supply and Disposal of Electric Energy - Concluded

Yukon 1969 - Concluded

Net generation: Net genera	NO.	August	September	October	November	December	1969	1968
Supply of electric energy Ref. generation: 6,475 9,882 12,196 14,824 15,196 11,196 1					thousand kwh.			
Net generation Net	Supply of electric energy							
The collision of the	Net generation:							
Total of the provinces and imported: 1,394	Utilities - Hydro	8,475	9,582	12,190	14,824	16,271	121,693	107,990
Creating description	Totals (1 + 2)	9,215	10,940	13,436	1,26/	17,467	134,423	11,399
Total net generation (7 + 4) 1,398 1,236 1,236 1,136	Industry - Hydro	1 1	1 1	1 1		1 1	1 1	, ,
Total net generation (7 + 5)	Totals (4 + 5)	1 1	1 0	1 C		- 1 6	1 1	. 1
Total teceived from other provinces and imported:	Grand Local - flyico (1 + 4)	8,475	1,358	12,190	14,824	16,271	121,693	107,990
Propriet from other provinces and imported Propriet freely of fire other provinces and imported Propriet freely of fire other provinces and imported Propriet from other provinces and imported Propriet freely of fire other provinces and imported Propriet from other provinces and imported Propriet freely of the provinces and exported Propriet freely	Total net generation (7 + 8)	9,215	10,940	13,436	16,111	17,467	134,423	119,389
Imported from thired States 10,940 13,426 16,111 17,467 134,423 10,111 17,467 134,423 10,111 17,467 134,423 10,111 17,467 134,423 11,111 17,467 134,423 11,111 17,467 134,423 11,111 17,467 134,423 11,111 17,467 134,423 11,111 17,467 134,423 11,111 17,467 134,423 11,111 17,467 134,423 11,111 17,467 134,423 11,111 17,467 134,423 11,111 17,467 134,423 11,111 17,467 134,423 11,111 17,467 134,423 11,111 17,467 134,423 11,111 17,467 134,423 11,111 17,467 134,423 11,111 17,467 134,423 11,111 17,467 134,423	3	1	ı	ı	1	1	,	í
Total supply of energy (9 + 12) Total delivered to other provinces and exported:		1	ı	1	1	ē	1 8	
Disposal of electric energy (9 + 12) 10,940 13,436 16,111 17,447 134,423		(1					
Disposal of electric energy Disposal of electric energy Energy delivered to other provinces and exported:		-	10,940	13,436	16,111	17,467	134,423	119,389
Expertation of electric energy Expertation of electric energy								
Disposal of electric energy Energy delivered to other provinces and exported: Delivered to other provinces and exported: Cotal delivered to other provinces and exported: Cotal delivered to other provinces and exported Cotal delivered to other provinces Cotal delivered								
Disposal of electric energy Disposal of electric energy								
Exported to other provinces and exported: Delivered to other provinces - Firm	Disposal of electric energy					-,		
Pretigue delivered to other provinces and exported: Delivered to other provinces - Firm								
Exported to United States - Firm Total delivered to other provinces and exported Total delivered to chited States - Firm Total delivered to other provinces and exported (14 + 15 + 16 + 17) (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (15 + 15 + 16 + 17) Total delivered to other provinces and exported (15 + 15 + 16 + 17) Total delivered to other provinces and exported (17 + 15 + 16 + 17) Total delivered to other provinces and exported (18 + 18 + 18 + 18) Secondary Total used in own plant - Firm Secondary Secondary Secondary Secondary Secondary 1,678 Shift (1,67) Shift (1,67) Total delivered to other provinces and exported 1,501 Total used in own plant - Firm 1,678 Shift (1,67) Total used in own plant (20 + 21) Total disposal of energy (18 + 22 + 29 + 30 + 31) Total disposal of energy (18 + 22 + 29 + 30 + 31) Total disposal of energy (18 + 22 + 29 + 30 + 31) Total disposal of energy (18 + 22 + 29 + 30 + 31) Total disposal of energy (18 + 22 + 29 + 30 + 31)	Energy delivered to other provinces and exported:							
Exported to United States - Firm Secondary Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total made available for use in Canada (13 - 18) Energy used in own plant - Firm Secondary Secondary Total used in own plant - Firm Secondary Secondary Secondary Secondary Secondary Secondary Socondary Secondary Secondary Secondary Socondary S			1 1	1 1	i i	1 1	1 1	1 2
Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total made available for use in Canada (13 - 18) Energy used in own plant - Firm. Total made available for use in Canada (13 - 18) Secondary Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (13 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total delivered to other provinces and exported (15 + 16 + 17) Total delivered to other provinces and exported (15 + 16 + 17) Total delivered to other provinces and exported (15 + 16 + 17) Total delivered to other provinces and exported (15 + 16 + 17) Total delivered to other provinces and exported (15 + 16 + 17) Total delivered to other provinces and exported (15 + 16 + 17) Total delivered to other provinces and exported (15 + 16 + 17) Total delivered to other provinces and exported (15 + 16 + 17) Total delivered to other provinces and exported (15 + 16 + 17) Total delivered to other provinces and exported (16 + 16 + 17) Total delivered to other provinces and exported (17 + 16 + 17) Total delivered to other provinces and exported (18 + 22 + 29 + 30 + 31) Total delivered to other provinces and exported (18 + 22 + 29 + 30 + 31) Total delivered to other provinces and exported to other provinces a	Exported to United States - Fir	ı	ı	ı	ŧ	ē	4	9
Total made available for use in Canada (13 - 18) Total made available for use in Canada (13 - 18) Total made available for use in Canada (13 - 18) Energy used in own plant (20 + 21) Sales to ultimate customers: Socondary Total used in own plant (20 + 21) Sales to ultimate customers: Socondary Sales to ultimate customers: Socondary Socondary Socondary Sales to ultimate customers: Socondary Socondary Sales to ultimate customers: Socondary Soc		ř	ı	1	1	1	8	
Potal made available for use in Canada (13 - 18) 9,215 10,940 13,436 16,111 17,467 134,423 195 105 1		t	1	1	1	1	t	1
Total used in own plant Correct contents State of the content co	-	9,215	10,940	13,436	16,111	17,467	134,423	119,389
Total used in own plant (20 + 21) Sales to ultimate customers: Power - Firm Power - Firm Scandary Scandary Scandary Ceneral service (commercial) Domestic Street lighting Total sales to ultimate customers (23 + 24 + 25 + 25 + 25 + 25 + 25 + 25 + 25		27	3.1	\(\sigma \)	102	105	961	1,067
Sales to ultimate customers: Power - Firm		. 81	68	127	178	189	1,761	1,862
General service (commercial) General service (commercial) Domestic Li,678 General service (commercial) Domestic Li,678 Li,694	S.	37.5	070	0	0	i c	i c	i i
General service (commercial) 1,678 1,694 1,839 2,096 2,692 2,974 Domestic 1,501 1,542 1,874 2,046 2,712 23,815 Farm(1) 5 6 6 6 6 72 73 743 Street lighting 7 7 7 7 7 7 7 Total sales to ultimate customers (23 + 24 + 25 + 28) 9,519 10,621 13,255 16,773 22,388 141,561 1 Unallocated energy(2) 5 -840 -5,110 -8,899 18,899 -8,999 10,940 13,436 16,111 17,467 124,423 1	Secondary	934	0,878	8,5/2	1.863	15,054	14,855	51,504
Domestic Domestic 1,501 1,542 1,874 2,040 2,712 23,815 Exect Lighting	General service (commercial)	1,678	1,694	1,839	2,096	2,692	22,974	19,398
Street lighting 60 61 72 73 743 Total sales to ultimate customers (23 + 24 + 25 + 28) 9,519 10,621 13,255 16,773 22,388 141,561 11 Unallocated energy(18 + 22 + 29 + 30 + 31) 9,215 10,940 13,436 16,111 17,467 134,423 11	Domestic	1,501	1,542	1,874	2,040	2,712	23,815	17,795
Total sales to ultimate customers (23 + 24 + 25 + 9,519	Street lighting	09	09		72	73	743	624
Unallocated energy (18 + 22 + 29 + 30 + 31) 9,215	Total sales to ultimate customers (23 + 24 + 2					!	!	
Distribution by non-respondents	26 + 27 + 28)	9,519	10,621	13,255	16,773	22,388	141,561	113,910
Total disposal of energy (18 + 22 + 29 + 30 + 31) 9,215 10,940 13,436 16,111 17,467 134,423	Distribution by non-respondents		000	† ·	040 -	OTT'C =	66000 -	7,000
	Total disposal of energy (18 + 22 + 29 + 30 + 31) .	9,215	10,940	13,436	16,111	17,467	134,423	119,389

Supply and Disposal of Electric Energy - Continued

Northwest Territories 1969

July			15,178 2,187 17,365 2,199	2,199 17,377 2,187 19,564	19,564		1 1 1 1	19,564 2,127 2,127	9,410 2,099 2,538 816 -	14,894 1,096 1,447 19,564
June			14,628 2,313 16,941 2,103	2,103 16,731 2,313 19,044			1 1 1 1	19,044 2,033 2,033	9,311 1,676 2,537 1,506	15,052 442 1,517 19,044
May			15,248 2,593 17,841 2,172	2,172 17,420 2,593 20,013	20,013		1 1 1	20,013 2,102 - 2,102	9,614 1,833 2,915 1,522 1,522	15,911 393 1,607 20,013
April	thousand kwh.		17,171 2,866 20,037 2,040	2,040 19,211 2,866 22,077	22,077		1 1 1 1	22,077 1,975 1,975	9,565 3,259 1,983 1,983	15,613 2,771 1,718 22,077
March	t		19,975 2,972 22,947 2,171	2,171 22,146 2,972 25,118	25,118		1 1 1 1	25,118 1,959 1,959	9,877 1,984 4,173 3,107 3,107	19,176 1,957 2,026 25,118
February			17,695 4,289 21,984 1,975	1,975 19,670 4,289 23,959	23,959		1 1 1 1	23,959 1,716 1,716	15,623 5,532 4,004 1,958	27,141 - 6,547 1,649 23,959
January			17,060 4,430 21,490 2,189	2,189 19,249 4,430 23,679	23,679		1 1 1 1	23,679 1,930	9,781 1,852 2,065 1,798	15,524 3,874 2,351 23,679
		Supply of electric energy	Net generation: Utilities - Hydro Thermal Totals (1 + 2) Industry - Hydro	Totals (4 + 5) Grand total - Hydro (1 + 4) Total net generation (7 + 8) Finerov received from other provinces and immorted	Imported from other provinces Imported from United States Total received from other provinces and imported (10 + 11) Total supply of energy (9 + 12)	Dismosal of electric energy	Energy delivered to other provinces and exported: Delivered to other provinces - Firm	Total delivered to other provinces and exported (14 + 15 + 16 + 17) Total made available for use in Canada (13 - 18) Energy used in own plant - Firm Total used in own plant (20 + 21)	Power - Firm Power - Firm Secondary General service (commercial) . Domestic Farm(1) . Street lighting	Unallocated energy(2) Distribution by non-respondents Total disposal of energy (18 + 22 + 29 + 30 + 31)
2			4321	20/80	11 12 13		14 15 16 17	18 20 21 22	23 25 25 27 28 29	30

Supply and Disposal of Electric Energy . Concluded

Northwest Territories 1969 - Concluded

	ugasc	Tooling to					0000
				thousand kwh.			
Supply of electric energy							
Net generation: Utilities - Hydro Thermal Totals (1 + 2) Industry - Hydro	14,897 2,477 17,374 2,170	15,386 2,636 18,022 2,138	16,026 3,022 19,048 2,166	16,992 3,431 20,423 2,089	17,660 3,563 21,223 2,164	197,916 36,779 234,695 25,576	170,996 38,005 209,001 25,797
Thermal Totals (4 + 5). Grand total - Hydro (1 + 4). Total net generation (7 + 8).	2,170 17,067 2,477 19,544	2,138 17,524 2,636 20,160	2,166 18,192 3,022 21,214	2,089 19,081 3,431 22,512	2,164 19,824 3,563 23,387	25,576 223,492 36,779 260,271	25,797 196,793 38,005 234,798
Energy received from other provinces and imported: Received from other provinces	1 1	1 1	1 1	1 1	t t	1 1	1 1
Total received from other provinces and imported (10 + 11)	19,544	20,160	21,214	22,512	23,387	260,271	234,798
Disposal of electric energy							
Energy delivered to other provinces and exported: Delivered to other provinces - Firm	1	ŧ	1	ı	. 1	ı	ı
Exported to United States - Firm	1 1	. 1 1	1 1	1 1	1 1	1 1	1 1
Secondary Total delivered to other provinces and	1	1	1	•	1	1	•
exported (14 + 15 + 16 + 17)	19,544	20,160	21,214	22,512	23,387	260,271	234,798
Total used in own plant (20 + 21)	2,098	2,080	2,084	2,022	2,086	24,212	24,735
Sales to ultimate customers: Power - Firm	9,582	9,833	9,381	8,615	10,259	120,851	87,925
Secondary	1,423	1,549	1,581	1,771	1,584	26,143	37,251
Domestic	1,438	1,426	1,168	2,178	1,716	19,414	18,062
Street lighting	28	32	34	31	35	352	1,409
10(a) Sales to ullimate customers (2) + 24 + 2)	15,569	16,245	14,832	16,583	16,863	203,403	175,100
Unallocated energy (4) Distribution by non-respondents	356 1,521 19 544	1,698	2,334	2,362	2,625	22,485	18,441



For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

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Preliminary Review of the Coal Mining Industry, 1969 Catalogue No. 26-206

The production tables in this bulletin are revised from former years. The current concept of production excludes material placed on the waste heap but includes coal reclaimed from the waste heap. The value of production has been increased accordingly i.e. to include value of coal reclaimed from waste heap, since coal sent to waste has always been shown as having a 'nil' value.

The production of coal in Canada for 1969 amounted to 10,671,879 tons, 2.9 per cent less than the total of 10,989,007 tons produced in 1968. The decrease was due mainly to a 15.4 per cent decline in the production of bituminous coal in Nova Scotia and New Brunswick, and 10.2 per cent decline in the production of lignite coal in Saskatchewan. The Nova Scotia production of 2,621,330 tons decreased 16.3 per cent while the New Brunswick production of 701,952 tons declined 12.0 per cent from the 1968 figure. These declines were partly offset by a 29.5 per cent increase in Alberta and 1.4 per cent increase in British Columbia bituminous coals, and a 7.6 per cent rise in Alberta sub-bituminous coal.

Bituminous coal accounted for 51.1 per cent of the 1969 production with Alberta sub-bituminous and Saskatchewan lignite accounting for 30.0 per cent and 18.9 per cent respectively.

The value of production f.o.b. mines, excluding subvention payments but including value of coal reclaimed from waste heap, was \$50,578,283 in 1969, down 6.3 per cent from the previous year's comparable value of \$53,969,558. The 1969 subvention payments totalled \$5,638,569 as compared to \$12,810,896 in 1968. The difference is accounted for in Nova Scotia and New Brunswick where some of the major mines do not now receive subvention grants. These figures represent the total subvention aid paid during the year and hence they include adjustments for coal shipped in previous years. The 1969 subvention payments include an amount of \$401,455, which although paid in 1970, refers to 1969 operations of a Nova Scotia mine ceasing production at the end of 1969. Salaries and wages accounted for 78.0 per cent of the value of production excluding subvention assistance.

The value of production of bituminous coal ranged from a low of \$6.39 per ton in Alberta through \$6.82 per ton in British Columbia, \$8.05 per ton in New Brunswick to a high of \$8.31 per ton in Nova Scotia. Increases in 1969 unit value of production of bituminous coal over similar 1968 figures were \$0.29 in Nova Scotia and \$0.92 in British Columbia, while the unit value declined by \$1.14 in New Brunswick and \$0.85 in Alberta during the same period. Value of production of Alberta sub-bituminous coal averaged \$1.69 per ton, down \$0.07 from the 1968 figure, while the average value of production of Saskatchewan lignite decreased \$0.01 per ton to \$1.84.

Exports of Canadian coal decreased 4.8 per cent to 1,377,872 tons in 1969. The value of exports dropped 42.2 per cent to \$9,451,000 due to a revised concept of the evaluation of coal by Customs in 1969; exports of coal are now valued f.o.b. mines and exclude transportation costs, etc. Eighty-four per cent of the exported coal was shipped to Japan.

Landed imports (which include coal at Customs' ports awaiting clearance) amounted to 17,185,903 tons in 1969, a decrease of 0.8 per cent over 1968.

Approximately 92 per cent of the imported coal was cleared through Ontario ports with Quebec and Nova Scotia accounting for most of the remainder. Ninety-seven per cent of the imported coal was United States bituminous.

Sales of coal and coke by retail fuel dealers dropped from 1,079,136 tons in 1968 to 893,896 tons in 1969, a decrease of 17.2 per cent.

Consumption of coal by industrial consumers decreased 1.1 per cent to 16,881,129 tons in 1969 from 17,071,069 tons the previous year. There was a decrease in the consumption of coke by industrial consumers from 6,002,789 tons in 1968 to 5,521,516 tons in 1969.

Stocks of coal and coke by retail fuel dealers declined from 282,326 tons in 1968 to 198,941 tons in 1969. However, stocks of coal held by industrial consumers increased slightly from 6,518,537 tons to 6,520,247 tons during the same period. Coal coke stocks held by industrial consumers decreased from 123,508 tons to 109,376 tons in 1969. Total stocks of coal in Canada increased approximately 24,000 tons during the year to about 10,392,000 tons as of December 31, 1969. Total stocks of coke increased by approximately 145,000 tons to 453,000 tons during the same period.

In 1969 there were 6,923,848 tons of bituminous coal charged to ovens to manufacture 5,002,275 tons of coke compared with 7,389,606 tons of coal used to make 5,310,762 tons of coke in 1968. Ninety-one per cent of the coal used to manufacture coke was imported bituminous.

A total of 6,670 employees worked 1,560,790 man-days for wages and salaries of \$39,457,632 in 1969. Approximately 62.3 per cent of the employees' salaries and wages was accounted for by Nova Scotia.

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TABLE 1. Principal Statistics for the Coal Mining Industry, 1967-1969

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Concep
tablishment
New Es
and
Classification
Industrial
Standard
Revised
Basis:

		18(1)	Salaries added and wages	000,\$	28,619 17,099	2,570 3,628	934 3,470	8,679 11,800	3,936 5,816	1	44,738 41,813	46,918 49,081	46,288 73,468	
	Total activity	Employees(1)	Number(2)		4,983	476	134	1,210	268	ı	7,371	8,427	8,981	
	Tot	owners	With- drawals	000,\$	ŧ	1	ı	8	ŧ	1	1	ı	ı	
		Working owners and partners	Number		ŧ	1	8	ŧ	6	1	T	ŧ	1	
			Value	Value		17,076	3,637	3,478	12,002	5,890	I	42,083	48,988	73.280
		Cost of Cost of Value of elec- and materials productricity supplies tion(3)			32,396	6,176	4,197	15,512	7,049	t	65,330	72,191	91,375	
	Ły			000,\$	13,559	2,048	570	2,655	911	ı	19,743	19,836	14.734	
	Mining activity				1,761	491	149	855	248	ı	3,504	3,368	3,361	
	Mir		Wages		21,890	2,257	760	6,605	2,665	1	34,177	37,066	36,807	
		Production and related workers	Man- hours paid	000,	7,205	996	225	1,840	760	1	10,996	12,807	14,193	
		Pro rel	Number(2)		3,946	439	113	987	381	ı	5,866	6,903	7,368	
		Estab- lish- ments		No.	7	n	m	27	7	1	42	67	63	
					Nova Scotia	New Brunswick	Saskatchewan	Alberta	British Columbia	Yukon	Canada 1969	Canada 1968	Canada 1967	

(1) Comprises production and related workers, salaried employees at the mine, and Head Office and other employees located elsewhere than at the mine.

(2) Number here is an average of those employed during the year and therefore differs from the data in other tables.

(3) Value of production includes subvention payments to mines, but excludes the value of coal used at the mines, etc.

TABLE 2. Production(1) of Coal, by Kinds and by Provinces, 1968 and 1969

Province and kind of coal		1968			1969	
	Number of mines	Short tons	Value at mines(2)	Number of mines	Short	Value at mines(2)
			ş			\$
Nova Scotia - Bituminous	7	3,131,745	25,111,400	7	2,621,330	21,780,974
New Brunswick - Bituminous	8	797, 359	7,330,396	3	701,952	5,649,611
Saskatchewan - Lignite	. 3	2,250,219	4,164,841	3	2,020,105	3,726,698
Alberta: Bituminous Sub-bituminous	5 23	950,564 2,969,556	6,880,845 5,237,457	5 22	1,231,108 3,194,952	7,866,351 5,403,341
Totals	28	3,920,120	12,118,302	27	4,426,060	13,269,692
British Columbia - Bituminous	3	889,564	5,244,619	2	902,432	6,151,308
Yukon - Bituminous	-	-	-	-	-	_
Canada: Bituminous Sub-bituminous Lignite Totals	23 23 3	5,769,232 2,969,556 2,250,219	44,567,260 5,237,457 4,164,841 53,969,558	17 22 3	5,456,822 3,194,952 2,020,105	41,448,244 5,403,341 3,726,698 50,578,283

⁽¹⁾ Production data includes amounts reclaimed from waste heap and excludes amounts sent to waste heap.
(2) Value at mines excludes subvention payments, but includes value of coal reclaimed from waste heap.

TABLE 3. Summary of Coal Statistics for 1969 - Production, Exports, Interprovincial Shipments, Landed Imports,(1) by Provinces and by Kinds

		Canadia	n coal		Imported coal
Province	Production	Received from	Mine sh	ipments	From
	Production	mines in other provinces	To other provinces	For export	U.S.A.
			short tons		
ewfoundland:					
Bituminous		20,872			8,27
rince Edward Island - Bituminous		. 13,906		4 0 0	
ova Scotia - Bituminous	2,621,330		1,130,218	3,583	531,56
ew Brunswick:					
Anthracite	701,952	80,998	96,394	163,089	87 1,52
Totals	701,952	80,998	96,394	163,089	2,40
sebec:					
Anthracite	,	745,577			356,94
		743,377	***	• • •	458, 33
Totals		745,577			815,27
ntario:(2) Anthracite					
Bituminous		402,562	***		152,53
Sub-bituminous	• • •	1,902	• • •	* * *	15,675,30
Lignite		129,056			_
Totals		533,520	• • •		15,827,83
mitoba:					
Bituminous		121,810			290
Sub-bituminous		67,479	• • •		-
Lignite	• • •	367,513	•••		-
Totals		556,802	• • •		296

See footnotes at end of table.

TABLE 3. Summary of Coal Statistics for 1969 - Production, Exports, Interprovincial Shipments, Landed Imports, (1) by Provinces and by Kinds - Concluded

		Canadian	coal		Imported coal				
Province		Received from	Mine shi	Ipments	From				
	Production	mines in other provinces	To other provinces	For export	U.S.A.				
	short tons								
Saskatchewan:	7	_ 1	_ 1	-	30				
Anthracite			_		-				
Bituminous	_	71,480		_	-				
Sub-bituminous	2,020,105	71,400	496,569	12,381	-				
Totals	2,020,105	71,480	496,569	12,381	30				
Alberta:		100	0/ 282	902,420					
Bituminous	1,231,108 3,194,952	192	94,382 202,139	902,420	-				
Totals	4,426,060	192	296,521	902,420	da				
British Columbia:									
Anthracite	902,432	82,505	147,428	363,765	226				
Sub-bituminous	,,,,,,,	61,278	-	-	-				
Totals	902,432	143,783	147,428	363,765	230				
Yukon - Bituminous	60	-	**	-	-				
Canada:					510,388				
Anthracite				1 /00 057	16,675,515				
Bituminous	5,456,822	1,468,422	1,468,422	1,432,857	10,0/3,313				
Sub-bituminous	3,194,952	202,139 496,569	202,139 496,569	12,381					
Lignite	2,020,105	490,309	490,309	12,301					
Totals	10,671,879	2,167,130	2,167,130	1,445,238	17,185,903				

⁽¹⁾ Direct imports into each province.

TABLE 4. Employees, Salaries and Wages, Number of Man-days worked in the Coal Mines, by provinces, 1968 and 1969

	Number	of man-day	s worked	Averag	e number	of employ	yees	Sa1	aries and wa	ges
Province	Strip	Under- ground mining	Total	Salaried em- ployees	Wage-ea Strip mining	rners Under- ground mining	Total	Salaries	Wages	Total
			n	umber					dollars	
1968				-	-		1			
lova Scotia		1,202,892	1,202,892	418		4,893	5.311	2,408,320	25,699,481	28,107,80
lew Brunswick	133,031	48,456	181,487	61	392	189	642	335,832	2,781,941	3,117,77
askatchewan	37,349	40,430	37,349	24	122		146	185,660	844,217	1,029,87
lberta	62,708	187,293	250,001	154	214	704	1,072	1,005,157	5,263,475	6,268,63
ritish Columbia	19,698	100,546	120,244	96	78	324	498	487,422	2,478,036	2,965,43
ukon	1 -	-	-	-	-	et .	-	-	-	-
Canada	252,786	1,539,187	1,791,973	753	806	6,110	7,669	4,422,391	37,067,150	41,489,54
1969										
lova Scotia		995,087	995,087	415		3,952	4,367	2,672,802	21,889,853	24,562,6
lew Brunswick	98,484	33,603	132,087	38	292	134	464	241,561	2,257,383	2,498,9
askatchewan	34,048	-	34,048	23	113	Ф.	136	174,125	760,326	934,4
lberta	67,055	206,229	273,284	174	233	790	1,197	1,703,221	6,605,407	8,308,6
ritish Columbia	20,210	106,074	126,284	124	74	308	506	487,980	2,664,974	3,152,9
ukon	-		-	-	-	-	-	-	-	
Canada	219,797	1,340,993	1,560,790	774	712	5,184	6,670	5,279,689	34,177,943	39,457,6

Note: Data on administrative and office employees and their earnings refer only to those employed at the mines.

⁽²⁾ Includes Head of Lakes.
... Figures not appropriate or not applicable.
Note: In addition to the above, 13,002 tons of briquettes were imported from the United States.

TABLE 5. Supply and Demand of Coal for years 1959-69

		70022 2333-09		
No.		1959	1960	1961
1101			short tons	
	Supply.	Supply		
1	Domestic production(1): Bituminous	6,867,966	7,097,666	6,750,684
2	Sub-bituminous	1,720,649	1,520,467	1,323,046
			2,158,200	2,262,049
4	Totals	10,513,541	10,776,333	10,335,779
	Landed imports:			
5	Anthracite			985,217
6	Bituminous	12,147,655	11,090,245	11,147,232
7	Totals	13,604,021	12,290,054	12,132,449
8	Total inventory change(2)	- 1,066,993	- 267,102	- 265,166
9	Total coal available	25,184,555	23,333,489	22,733,394
	Demand			
10	Industrial consumption:	1 419 122	1 846 149	2,253,398
11	Mining	355,095	310,579	236,215
12	Manufacturing	8,439,373	7,953,217	7,452,013
13	Totals	10,213,590	10,109,945	9,941,626
14	Retail sales			4,026,780 476,752
16	Ship's bunker for own consumption	306,516	306,494	252,111
17	Government and Institutional consumption	295,000	307,000	320,000
18	Totals	7,410,173	5,884,235	5,075,643
19	Coal mine disposition:	124 240	102 210	66,589
20	Sold to employees		122,230	125,329
21	Sold direct to domastic consumers (less employees)	709,369	635,740	697,554
22	Total disposition mines	975,517	860,189	889,472
22	Exports:		6 622	
23	United Kingdom United States	273,912	6,632 241,892	249,504
25 26	Japan	190,722	604,397	685,263 4,569
27	St. PierreOther	9,134	-	-,509
28	Totals	473,768	852,921	939,336
29	Coal used for manufacture of coke(4)	5,654,781	5,288,217	5,330,542
		24,727,829	22,995,507	22,176,619
30	Total reported consumption	456,726	337,982	556,775
32	Total demand	25,184,555	23,333,489	23,733,394
(1)	Revised production includes coal reclaimed from waste heap, but exclude	es material put on	waste hean	

Revised production includes coal reclaimed from waste heap, but excludes material put on waste heap.
 Includes docks.
 Total as reported by industrial consumers.

TABLE 5. Supply and Demand of Coal for years 1959-69

1962	1963	1964	1965	1966	1967	1968	1969	
			shor	t tons				No
			ļ.					
6,440,986 1,528,709 2,246,923	6,942,695 1,648,726 1,860,202	7,101,541 2,097,533 2,020,237	6,841,752 2,545,143 2,113,174	6,518,211 2,577,369 2,084,293	6,491,051 2,653,297 1,996,986	5,769,232 2,969,556 2,250,219	5,456,822 3,194,952 2,020,105	1 2 3
10,216,618	10,451,623	11,219,311	11,500,069	11,179,873	11,141,334	10,989,007	10,671,879	4
851,668 11,469,709	807,375 13,933,073	626,979 14,111,563	623,510 15,646,223	582,308 15,748,406	551,023 15,261,425	469,447 16,853,521	510,388 16,675,515	5
12,321,377	14,740,448	14,738,542	16,269,733	16,330,714	15,812,448	17,322,968	17,185,903	7
- 775,148	+ 363,672	- 65,008	+ 708,298	+ 991,698	+ 629,099	- 452,819	+ 24,580	8
23,313,143	24,828,399	26,022,861	27,061,504	26,518,889	26,324,683	28,764,794	27,833,202	9
3,725,005 195,803	5,150,179 186,739	6,264,520 179,355	7,721,714 153,091 7,425,269	7,878,780 141,539	9,113,373 136,422 6,388,307	11,098,800	11,873,750	10 11 12
6,778,062 10,698,870	6,898,975 12,235,893	7,228,518	7,435,269	6,996,985 15,017,304	15,638,102	17,071,069(3)	16,881,129(3)	100
3,540,615 386,834 246,524 279,000	3,087,777 324,513 261,369 231,000	2,627,714 283,418 317,780 203,000	2,062,186 223,000 343,119 183,000	1,733,732 211,801 410,222 169,000	1,349,261 162,537 334,396 176,000	1,062,570 132,042 179,768 173,000	878,477 132,321 229,181 169,000	14 15 16 17
4,452,973	3,904,659	3,431,912	2,811,305	2,524,755	2,022,194	1,547,380	1,408,979	18
47,262 124,038 654,480	52,257 117,189 615,187	53,222 119,214 618,003	50,289 118,147 633,375	46,314 102,176 518,610	38,653 99,079 459,451	35,253 87,794 382,863	36,174 73,780 354,305	19 20 21
825,780	784,633	790,439	801,811	667,100	597,183	505,910	464,259	22
50 250,328 639,040 4,501	274,759 772,470 7,138	303,028 984,846 3,790	198,020 1,023,134 4,825 15	58 167,148 1,059,502 2,097 15	169,361 1,167,055 1,929	172,043 1,273,222 1,588 159	215,821 1,155,618 2,519 3,914	23 24 25 26 27
893,919	1,054,367	1,291,664	1,225,994	1,228,820	1,338,353	1,447,012	1,377,872	28
5,452,320	5,842,253	6,023,035	6,058,470	6,044,289	5,987,575	7,522,715	7,018,322	29
22,323,862 989,281	23,821,805	25,209,443 813,418	26,207,654 853,850	25,482,268 1,036,621	25,583,407 741,276	28,094,086 670,708	27,150,561 682,641	30
23,313,143	24,828,399	26,022,861	27,061,504	26,518,889	26,324,683	28,764,794	27,833,202	32

⁽⁴⁾ Charged to ovens plus incidental coke plant consumption.
.. Figures not available.

TABLE 6. Subvention Payments to Coal Operators and Others, by Provinces, 1968 and 1969

			, of frovinces, j	.900 and 1969				
	1968			1969				
Su	bvention payment	ts	Subvention payments					
Coal operators	Others	Total	Coal operators	Others	Total			
	dollars			dollars				
6,097,217	33,357	6,130,574	1,635,782(1)		1,635,782(1)			
2,818,673	-	2,818,673	537,609	-	537,609			
-	132,960	132,960	-	99,491	99,491			
2,229,710	59,163 8,444	2,288,873 8,444	2,194,746	42,050 6,223	2,236,796 6,223			
2,229,710	67,607	2,297,317	2,194,746	48,273	2,243,019			
1,221,968	209,404	1,431,372	1,013,069	109,599	1,122,668			
-	-	-	_	_	-			
12,367,568	301,924 8,444 132,960	12,669,492 8,444 132,960	5,381,206 - -	151,649 6,223 99,491	5,532,855(1) 6,223 99,491			
12,367,568	443,328	12,810,896	5,381,206(1)	257,363	5,638,569(1)			
	Coal operators 6,097,217 2,818,673 - 2,229,710 - 2,229,710 1,221,968 - 12,367,568	Subvention payment Coal operators Others dollars 6,097,217 33,357 2,818,673 - 132,960 2,229,710 59,163 8,444 2,229,710 67,607 1,221,968 209,404 - 12,367,568 301,924 8,444 132,960	1968 Subvention payments Coal operators Others Total dollars 6,097,217 33,357 6,130,574 2,818,673 - 2,818,673 - 132,960 132,960 2,229,710 59,163 2,288,873 - 8,444 2,229,710 67,607 2,297,317 1,221,968 209,404 1,431,372	Subvention payments Coal operators Others dollars 6,097,217 2,818,673 - 2,818,673 - 132,960 132,960 2,229,710 59,163 8,444 2,229,710 67,607 2,288,873 8,444 2,229,710 67,607 2,297,317 2,194,746 1,221,968 209,404 1,431,372 1,013,069	Subvention payments Coal operators Others dollars 6,097,217 2,818,673 - 2,818,673 537,609 - 132,960 132,960 132,960 2,229,710 59,163 8,444 8,444 1,221,968 209,404 1,431,372 1,013,069 109,599			

⁽¹⁾ Includes an amount of \$401,455, which although paid in 1970, refers to 1969 operations of a Nova Scotia mine ceasing production at the end of 1969.



STATIS

For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

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Catalogue No. 57-002 Vol. 5, No. 75

September 1970

CONTENTS

ENERGY

Page

- 1. Preliminary Electric Power Statistics, July 1970, Catalogue No. 57-001
- Preliminary Propane Statistics, May 1969 and May 1970

1. Preliminary Electric Power Statistics, July 1970 Catalogue No. 57-001

Net generation for the month of July 1970 rose 8.1% to 15,679,623 thousand kwh. from 14,495,295 thousand kwh. in July 1969. Increases in net generation occurred in all provinces except British Columbia where there was a decrease of 5.1%, while the increase in Ontario amounted to a mere 0.7%. The largest increases occurred in Newfoundland and Yukon Territory where they amounted to 88.3% and 102.6% respectively. Quebec, with a 15.7% increase, showed the greatest absolute gain. Hydro generation increased 10.8% in July over the same period last year, while thermal generation decreased 3.0%.

Imports increased 15.1% and exports also increased 43.7% compared with July 1969. Firm energy consumption increased 6.6%.

Total generation for the twelve month period ending July 31, 1970 amounted to 199,202,695 thousand kwh. compared with 198,018,367r thousand kwh. for the twelve month period ending June 30, 1970.

Seasonally adjusted net generation in July 1970 amounted to 17,276 million kwh. compared with 17,107 million kwh. in June and 16,791 million kwh. in May. Firm energy consumption amounted to 16,689 million kwh. on a seasonally adjusted basis. The comparable figures for June and May were 16,584 million kwh. and 16,357 million kwh. respectively.

6503-521

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- 2 -

Preliminary Electric Energy Statistics

(thousand Kwh.)

		July	
	1968	1969	1970
Net generation - Hydro	10,774,036	11,727,882	12,995,111
Thermal	2,678,262	2,767,413r	2,684,512
Total net generation	13,452,298	14,495,295°	15,679,623
Energy imported from U.S.A	222,546	233,916	269,295
Energy exported to U.S.A.:			
Firm	57,330	63,599	71,461
Secondary	165,750	270,972	409,453
Total exported to U.S.A	223,080	334,571	480,914
Net energy used in Canada	13,451,764	14,394,640°	15,468,004
Secondary energy used in Canada	89,564	90,336 ^r	219,405
Firm energy used in Canada	13,362,200	14,304,304°	15,248,599

r Revised figures.

2. Preliminary Propane Statistics, May 1969 and May 1970

Production of propane for May 1970 amounted to 2,061,177 barrels. This was an increase of 410,688 over the same month last year.

Sales to distributors were 733,214 barrels as compared with 688,756 barrels during May 1969.

The export of propane for the month was 671,031 barrels, a boost of 265.4 per cent over May 1969.

These statistics show provincial source and end disposition of the product, without taking into account intermediate interprovincial transfers.

Statistics for the succeeding months and prior years will be issued in the DBS Service Bulletin in the same format as they become available.



Canadian Propane Supply and Disposition

	Canad	ran Propan	e Supply a	nd Dispositio				
	Atlantic	Quebec	Ontario	Manitoba and Saskat- chewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
				bar	rels	<u> </u>		
<u>May 1969</u>								
Supply								
Refinery production	37,805	81,231	130,915	18,394 62,972	1,282,698	21,671 14,803		290,016 1,360,473
Imports Interprovincial "IN" Inventory change	461 3,997	742 82,572 (25,069)	707 113,397 (37,607)	98,415 (33,060)	2,534 (471,628)	41,709 2,974	2,607	1,449
Total	42,263	139,476	207,412	146,721	813,604	81,157	2,607	1,091,545
Disposition								
Plant and refinery use	-	**	1,300	3,400	3,890	-	-	8,590
Gas enrichment	-	-	-	_	545 36,916		-	545 36, 9 16
Petrochemical and Industrial(2) Distributors Exports:	35,309	3,570 164,929	38,426 174,849	122,499	122,982 119,679	1,394 68,884	2,607	166,372 688,756
District 1	-	da	-	-	14,925	-	-	14,925
District 1V	-	-	-	17,693	90,383 24,170	-	-	108,076
District V	-	-	-	en	36,493	-	-	36,493
Offshore	199	741	621	883	48,524	37	-	51,005
Losses or gains	6,755	(30,819) 1,055	(7,784)	(76) 2,322	(20,591) 335,688	8,212 2,630	-	(44,303)
Total	42,263	139,476	207,412	146,721	813,604	81,157	2,607	1,091,545
May 1970								
Supply								
Refinery production	51,576	159,730	210,519	21,617 64,134	2,000 1,497,261	20,095 34,245		465,537 1,595,640
Imports	-	3,091	266	60 156	3 010	28,718	2,964	3,357
Interprovincial "IN"	(2,915)	32,145 (3 9 ,647)	285,586 (66,136)	68,156 (27,444)	3,910 (233,375)		2,304	(369,810)
Total	48,661	155,319	430,235	126,463	1,269,796	82,765	2,964	1,694,724
Disposition								
Plant and refinery use	-	6,100	35,800	4,449	3,348	-	-	49,697
Gas enrichment	-	-	-	-	2,428 52,640	-	-	2,428
Petrochemical and Industrial(2) Distributors Exports:	35,919	16,855 121,663	134,206 322,960	77,388	93,382 132,046	1,305 40,274	2,964	245,748 733,214
District 1			8,720		52,789	-	-	61,509
District 11	-		-	30,950	168,708 41,904	405	-	200,063
District V	-	-	-	-	79,052	-	-	79,052
Offshore	-	20	(07()	200	249,354	39,149	-	288,503
Losses or gains	5,442	7,953	(374)	326	(1,392) 2,493	(12)		(1,414)
Interprovincial "OUT"	7,300	2,710	6,470	10,287	393,044	1,668	-	• • •
Total	48,661	155,319	430,235	126,463	1,269,796	82,765	2,964	1,694,724

⁽¹⁾ Excludes returned to formation.
(2) Identifiable industrial sales have been allocated to this category. Distributor sales may contain sales to industrial.

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Catalogue No. 57-002 Vol. 5, No. 76

September 1970

CONTENTS

		rage
1.	Sales of Natural Gas July, 1970, Catalogue No. 55-002	1
		1
2.	Electric and Gas Meter Registrations, 1969,	
	Catalogue No. 57-201	3

1. Sales of Natural Gas, Catalogue No. 55-002

Total sales of natural gas to Canadian consumers for July were 45,646,854 Mcf. This was an increase of 3.9% over the same month last year. Revenue from sales was \$25,040,745.

Sales for the first seven months of 1970 were 559,352,830 This was an increase of 7.8% over the same period last year. Exports continued to rise over the period amounting to 449,617,297 Mcf., an increase of 17.8%, while imports were 6,030,228 Mcf., a decrease of 74.2%. Export Revenues were up 20.9%.



6503-521

Sales of Natural Gas, July 1970

	Custome	ers		_	
	Space heating	Total	Gas sold	Revenue	
	No.		Mcf.	\$	
Residential:					
New Brunswick	130	1,592	3,130	9,879	
Quebec	104,453	200,673	302,347	819,850	
Ontario	589,626	728,327	2,164,613	3,021,098	
Manitoba	112,428	114,486	345,344	331,248	
Saskatchewan	121,893	124,361	481,510	609,147	
Alberta	273,844	277,733	1,502,993	1,226,756	
British Columbia	186,314	215,095	565,564	769,747	
Canada	1,388,688	1,662,267	5,365,501	6,787,725	
Commercial:					
New Brunswick		54	1,542	3,360	
Quebec		9,929	300,845	349,394	
Ontario		69,150	2,258,222	2,060,513	
Manitoba		11,083	276,286	307,278	
Saskatchewan		17,013	160,960	155,240	
Alberta		31,218	1,529,336	635,662	
British Columbia		28,252	719,412	674,178	
Canada	* * * * * * * * * * * * * * * * * * * *	166,699	5,246,603	4,185,625	
Industrial:					
New Brunswick		-		_	
Quebec		1,939	2,188,618	1,121,658	
Ontario		8,647	15,692,778	7,915,487	
Manitoba		321	1,069,126	327,843	
Saskatchewan		656	3,079,233	899,016	
Alberta		1,199	9,398,696	2,074,545	
British Columbia		370	3,606,299	1,728,846	
Canada		13,132	35,034,750	14,067,395	
Firm		12 506	26 780 261		
Interruptible	********	12,506	26,780,361	11,050,786	
		626	8,254,389	3,016,609	
Total sales: New Brunswick					
Quebec		1,646	4,672	13,239	
Ontario		212,541	2,791,810	2,290,902	
Manitoha	* * * * * * * * * * * * * * * * * * * *	806,124	20,115,613	12,997,098	
Manitoba		125,890	1,690,756	966,369	
SaskatchewanAlberta		142,030	3,721,703	1,663,403	
		310,150	12,431,025	3,936,963	
British Columbia		243,717	4,891,275	3,172,771	
Canada		1,842,098	45,646,854	25,040,745	
Cotal exports			60,678,241	16,373,840	
Total imports			1,055,482	466,836	

2. Electric and Gas Meter Registrations, 1969 Catalogue No. 57-201

Nearly all gas meters registered in Canada are of the natural gas type and the proportion has been increasing each year. Manufactured gas meters, on the other hand, have shown a steady decline in number and now comprise less than 1% of the total. The number of bottled gas meter registrations shows a slight increase from last year.

Total electric meter registrations at the end of 1969 amounted to 6,899,279 compared with 6,718,933 one year earlier. This represents an increase of 180,346 or 2.7% which is lower than the 3.1% compound growth rate experienced during the 10 year period between 1958 and 1968.

Gas Meters by Fuel Division in Canada, 1969

	1959		1968		1969		% growth rates 1968-69
	number	%	number	%	number	%	
Natural gas Manufactured gas Bottled gas	1,162,678 32,799 4,266	96.9 2.7 0.4	1,807,353 11,188 20,060	98.3 0.6 1.1	1,871,324 10,783 20,236	98.4 0.6 1.0	3.5 (3.6) 0.9
Totals	1,199,743	100.0	1,838,601	100.0	1,902,343	100.0	3.5

Electric Meter Registrations by Province and Type of Meter as at December $31,\ 1969$

Province	Watth	our	Prepay	ment	Other	A.C.		
	Single phase	Poly- phase	Single phase	Poly- phase	Single phase	Poly- phase	D.C.	Total
Newfoundland Prince Edward Island Nova Scotia New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta British Columbia Yukon	111,488 29,799 226,374 177,665 1,764,835 2,238,333 362,394 303,345 463,917 693,516 4,194	1,942 109 2,369 687 13,664 67,452 10,001 5,838 18,105 53,311 228	- 60 - - 2 - - 57		3,949 1,952 13,872 2,258 125,539 69,812 98 7,026 11,651 3,723	1,750 622 3,833 1,634 29,299 47,566 746 4,559 5,480 6,799	- - 1 148 - 20	119,129 32,542 246,448 182,244 1,933,337 2,423,166 373,387 320,768 499,153 757,426 4,422
North West Territories Totals, Canada	6,984	233 173,939	119	-	239,887	33	169	7,257 6,899,279



Catalogue No. 57-002 Vol. 5, No. 77

September 1970



CONTENTS

		rage
1.	Crude Petroleum and Natural Gas Production, June, 1970, Catalogue No. 26-006	1
2.	Preliminary(1) Report on Coal Production, August 1970	6

1. Crude Petroleum and Natural Gas Production,
June 1970, Catalogue No. 26-006

According to preliminary data, the production of crude petroleum and equivalent hydrocarbons during June 1970 amounted 38,923,934 barrels (1,297,464 barrels per day) an increase of 9.7 per cent or 114,328 barrels per day from June 1969.

Preliminary figures of natural gas net new production in June 1970 indicate an increase of 18.3 per cent to 176,460,886 Mcf. from 149,193,943 Mcf. in June 1969.



6503-521

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	New Brunswick	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
Supply					barrels of 35	Canadian	gallons			
Domestic production Crude oil Synthetic crude oil Less returned to formation	726	90,533	486,508	7,321,477	24,851,222 1,404,188 395,317	2,043,368	69,207	34,863,041 1,404,188 395,317	:::	34,863,041 1,404,188 395,317
Totals	726	90,533	486,508	7,321,477	25,860,093	2,043,368	69,207	35,871,912	:	35,871,912
Condensate	1 :	1 1	8 g	32,932	47,934	11,629	1 [59,563 2,992,459		59,563
Net withdrawals	726	90,533	486,508	7,354,409	28,790,392	2,132,159	69,207	38,923,934		38,923,934
Imports	:	:			;	:		:	16,765,843	16,765,843
Total supply	726	90,533	486,508	7,354,409	28,790,392	2,132,159	69,207	38,923,934	16,765,843	55,689,777
Disposition										
Deliveries to refineries Atlantic Provinces Quebec. Ontario Manitoba Saskatchewan Alberta		92,474	341,624	4,593,935 404,740 225,582	6,447,331 598,755 1,681,712	11111	1111	11,475,364 1,018,828 1,907,294	4,491,739 12,190,020 85,289	4,491,739 12,190,020 11,560,653 1,018,828 1,907,294
British Columbia	1 1	1 1	1 1 1		1,616,781	2,049,685	100,223	3,3/2,633 3,666,466 100,223	t 1 f	3,372,633 3,666,466 100,223
Totals	'	92,474	356,957	5,224,257	13,717,212	2,049,685	100,223	21,540,808	16,767,048	38,307,856
Exports to U.S.A. Petroleum Administration District I II V	1 1 1	1 1 1	139,265	146,419 2,762,411 -	2,110,820 5,442,829 1,236,612 6,408,109	347,836	1 1 1 1	2,257,239 8,344,505 1,236,612 6,755,945	1 1 1	2,257,239 8,344,505 1,236,612 6,755,945
Totals	1	1	139,265	2,908,830	15,198,370	347,836	1	18,594,301	1	18,594,301
Inventories Opening - Rield and plant Transporters' Closing - Field and plant Transporters'	1,402	1 1 1	71,576 58,832 67,809 52,782	458,000 5,568,556 470,000 4,768,878	1,476,702 28,265,785 1,733,468 27,923,691	120,483 1,187,750 82,819 1,162,380	63,410	2,191,573 35,080,923 2,404,019 33,907,731	359,835	2,191,573 35,440,758 2,404,019 34,267,566
Net change	99	1	- 9,817	- 787,678	- 85,328	- 63,034	- 14,955	- 960,746	1	- 960,746
Deliveries to other purchasers Pipeline fuel Field and plant use	583	- 1,941	103	9,000	4,022 14,707 61,178 - 119,769	- 336	- 16,061	- 11,792 14,707 70,178 - 323,522	1,205	- 11,792 14,707 70,178 - 324,727
Total disposition	726	90,533	486,508	7,354,409	28,790,392	2,132,159	69,207	38,923,934	16,765,843	55,689,777
Figures not appropriate or not applicable,	oplicable.									

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, June 1970

	2. Supply and Disposition of Natural Gas by Source,	Julie 1970	,		
No.		New Brunswick	Quebec	Ontario	Saskatchewan
-			Med	F.	
	A. FIELD AND PROCESSING PLANTS		1	1	
	Supply				
1 2	Gross new production	8,690	12,584	1,520,462	5,619,782 988,433
3	Net new production (1 - 2)	8,690	12,584	1,520,462	4,631,349
4 5	Reproduced Less injected and stored	-	-	-	
6	Net withdrawals	8,690	12,584	1,520,462	4,631,349
	Disposition				
7 8 9	Field disposition and uses	152	-	-	299,673 47,252
9a 9b	Processing shrinkage Other disposition and uses	-	-	-	182,140
10	Other uses Adjustment	-	-	-	185,342 64,649
12	Deliveries of marketable gas	8,538	12,584	1,520,462	3,852,293
13	Total disposition	8,690	12,584	1,520,462	4,631,349
	B. GAS UTILITIES				
14	Supply				
14a 14b	Receipts of marketable gas Plants Fields	8,538	12,584	1,520,462	1,922,035 1,930,258
15	Total (14a + 14b)	8,538	12,584	1,520,462	3,852,293
16	Receipts from distributor storage	-	-	1,012,597	99,224
17 17a	Imports Other receipts(1)	-	-	-)) g 44677
18	Total supply of marketable gas (15 + 16 + 17 + 17a)		10.50/	-	-
		8,538	12,584	2,533,059	3,951,517
	Disposition				
	Sales				
19 20	British Columbia	-	_		
21	Alberta Saskatchewan	-	-	-	
22	Manitoba	-	-		2,956,949
24	OntarioQuebec	-	-	2,447,397	-
25	New Brunswick	3,981	12,584	-	-
26	Total sales (19 to 25 inclusive)	3,981	12,584	2,447,397	2,956,949
27 28	Exports	-	-	67	-
29	Delivered to distributor storage	-	-	-	1 210 626
30	Pipeline line pack fluctuation Pipeline fuel	-	-	-	1,210,636
32	Pipeline losses etc.	4,557	-	1,519	1,217,283 - 1,202,340
33	Total disposition of marketable gas (26 to 32 inclusive)	8,538	12,584	2,533,059	3,951,517
(1) I	.P.G. for gas enrichment, peak shaving or temporary s		22,504	2,555,059	3,931,31/

⁽¹⁾ L.P.G. for gas enrichment, peak shaving or temporary supply.
(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, June 1970

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
	1	Mcf.	1		
153,119,288 3,935,618	22,031,830 928,876	67,081	182,379,717 5,918,831		182,379,717 5,918,831
149,183,670	21,102,954	1,177	176,460,886	• • •	176,460,886
17,465,165	425,670	-	17,890,835	• • •	17,890,835
131,718,505	20,677,284	1,177	158,570,051		158,570,051
733,974 42,809	677,134	-	1,710,933 90,061		1,710,933 90,061
18,555,838 7,299,216 87,300 - 3,362,748 108,362,116	477,797 2,297,582 - 10,700 17,235,471	1,177	19,215,775 9,782,140 153,126 - 3,373,448 130,991,464		19,215,775 9,782,140 153,126 - 3,373,448 130,991,464
131,718,505	20,677,284	1,177	158,570,051		158,570,051
91,890,373	17,037,307 198,164	-	110,849,715 20,141,749	•••	110,849,715 20,141,749
108,362,116	17,235,471	-	130,991,464	• • •	130,991,464
23,749 - 7,561	-	-	1,135,570 - 7,561	1,598,389	1,135,570 1,598,389 7,561
108,393,426	17,235,471	-	132,134,595	1,598,389	133,732,984
1,596,965 13,549,596 2,413,639 2,512,395 20,410,226 3,262,833	2,475,050	- - - - - -	4,072,015 13,549,596 5,370,588 2,512,395 22,857,623 3,275,417 3,981	3,165 - 1,595,370 - -	4,072,015 13,552,761 5,370,588 2,512,395 24,452,993 3,275,417 3,981
43,745,654	2,475,050	-	51,641,615	1,598,535	53,240,150
46,811,716 1,017,336 15,251,833 - 655,535 4,453,899 - 2,231,477	14,226,048 - - 91,670 791,023 - 164,980	- - - - -	61,037,764 1,017,336 16,462,469 - 978,216 6,463,724 - 3,510,097	- - - - - 146	61,037,764 1,017,336 16,462,469 - 978,216 6,463,724 - 3,510,243
108,393,426	17,235,471		132,134,595	1,598,389	133,732,984

^{...} Figures not appropriate or not applicable.

2. Preliminary(1) Report on Coal Production

August 1970

Preliminary data indicate that coal production for the month of August 1970 amounted to 1,288,698 tons, an increase of 126.4% from the August 1969 preliminary production figure of 569,183 tons. Landed imports were 2,025,588 tons compared with 1,628,634 tons for the same period last year.

Production and Landed Imports of Coal, by Provinces

	190	59	197	0
	Production(2)	Landed imports(1)	Production(2)	Landed imports(1)
		net tons of	2,000 pounds	
August 1970				
Newfoundland Nova Scotia New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta - Bituminous Sub-bitumous British Columbia and Yukon Canada totals	92,082 69,842° 84,794 64,038 166,595 91,832	51,223 306 126,634 1,450,187 156 88 - 40	84,997 19,867 - 260,656 219,325 260,808 443,045	25,519 162 55,370 1,944,069 386 41 - - 41 2,025,588
Eight months ended August Newfoundland Nova Scotia New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta - Bituminous Sub-bituminous British Columbia and Yukon	1,848,889 457,670 	3,508 404,217 701 497,168 9,792,421 4,226 1,153	1,416,073 254,872 ^r - - 1,902,684 1,567,854 2,408,948 1,829,304 ^r	1,349 244,690 996 310,585 10,634,165 2,852 1,244
Canada totals	6,748,304°	10,703,815	9,379,735 ^r	11,195,922

⁽¹⁾ Supplied by the Dominion Coal Board; do not necessarily agree with figures reported in Trade of Canada.

⁽¹⁾ Advanced publication of data included in monthly publication No. 45-002 Coal and Coke Statistics.

⁽²⁾ All figures are preliminary.

r Revised figures.

BULLETIA

ENERGY STATISTICS

For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

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October 1970



CONTENTS

		Page
1.	Coal and Coke Statistics, July 1970	1
2.	Oil Pipe Line Transport, July 1970	3
3.	Refined Petroleum Products, July 1970	4
4.	Refined Petroleum Products, Vol. I, 1969	8

1. Coal and Coke Statistics, July 1970, Cat. No. 45-002

Coal production for the month of July 1970 amounted to 1,119,112 tons an increase of 69.7% from the July 1969 production of 659,645 tons, while landed imports were 1,695,807 tons compared with 2,184,239 tons for the month of July 1969. Consumption by industrial consumers amounted to 1,005,661 tons of coal and 514,458 tons of coke, a decrease of 52,191 tons of coal and 8,947 tons of coke from last year.

Industrial consumers' stocks of coal and coke decreased to 5,911,912 tons from 6,022,957 tons in July 1969.

Coke production during the month of July 1970 increased to 466,209 tons from 461,158 tons in July 1969, while coke used in blast furnaces increased slightly to 376,604 tons from 376,135 tons during the same period.



6503-521

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Coal and Coke Statistics

July 1970

			Coal			°C	Coke
	Production	Landed	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
				tons			
Newfoundland	•	1	1		ı	1	ı
Prince Edward Island	ſ	1	ŧ	1	ı	ı	1
Nova Scotia	164,517	25,885	161,303	54,652	22,526	45,351	ı
New Brunswick	4,294	316	31,194	20,504	61,641	ŧ	ſ
Onepec	8	48,112	ı	64,292	129,346	55,675	88,087
Ontario	ŧ	1,620,403	Î	531,395	5,018,674	397,684	110,546
Manitoba	1	260	ſ	26,808	99,627	54	431
Saskatchewan	156,970	531	156,341	103,505	269,032	ı	ı
Alberta	468,357	1	473,429	194,695	61,803	172	204
British Columbia and Yukon	324,974	t	384,000	9,810	14,474	15,522	35,521
Total Canada 1970	1,119,112	1,695,807	1,206,267	1,005,661	5,677,123	514,458	234,789
Total Canada 1969	659,645	2,184,239	678,401	1,057,852	5,758,391	523,405	264,566

2. Oil Pipe Line Transport, July 1970, Cat. No. 55-001

Net receipts of crude oil, condensate, pentanes plus and refined petroleum products by Canadian oil pipe lines during July increased 5.5 per cent to 1,980,000 B/D from 1,877,000 B/D for the same period of the preceding year; domestic oils amounted to 1,597,600 B/D (up 10.1 per cent) and imported oils were 382,400 B/D (down 10.2 per cent).

Net deliveries of crude oil, condensate, pentanes plus and refined petroleum products during the month rose 4.0 per cent to 1,944,100 B/D from 1,869,500 B/D last year. Included in the month's deliveries were 1,314,800 B/D to domestic points (up 0.2 per cent) and 629,300 B/D for export (up 13.0 per cent).

For the seven-month period, net receipts of all commodities were 2,027,300 B/D, an increase of 12.5 per cent over the same period of 1969; deliveries rose 31.0 per cent, to 2,030,300 B/D. The imports by pipe line for the period increased to 420,800 B/D while the exports of the same commodities rose to 671,900 B/D, increases of 10.2 per cent and 24.0 per cent, respectively.

Total traffic for July amounted to 29,279 million barrel miles with an average length of haul of 485.8 miles.

Oil held by Canadian pipe line systems totalled 24,266,619 barrels by the end of July. Inventories of crude oil and equivalent increased by 473,458 barrels, while inventories held in Canada and the United States increased by 854,077 barrels.

Oil Pipe Line Supply and Disposition

		July	1970		Year to d	ate 1970
Supply and disposition	Crude oil and equiva- lent	Refined petroleum products and L.P.G.'S.	Total volume	% change from July 1969	Total volume	% change from previous year
			'000 barre	1s per day		
Net receipts						
Domestic	1,346.6 380.8	251.0 1.6	1,597.6 382.4	+ 10.1 - 10.2	1,606.5 420.8	+ 13.1 + 10.2
Total net receipts	1,727.4	252.6	1,980.0	+ 5.5	2,027.3	+ 12.5
Net deliveries						
Domestic Exports	1,078.6 615.2	236.2 14.1	1,314.8 629.3	+ 0.2 + 13.0	1,358.4 671.9	+ 8.4 + 24.0
Total net deliveries	1,693.8	250.3	1,944.1	+ 4.0	2,030.3	+ 31.0
Inventory change (barrels)	854,077	159,628	1,013,705	-	- 715,972	-

3. Refined Petroleum Products, July 1970

Production of refined petroleum products decreased 0.7% in July to 39,145,416 barrels from 39,421,372 in the same month last year, according to an advance release of data that will be contained in the July issue of the DBS report "Refined Petroleum Products".

Receipts of crude oil decreased 1.7% in July to 37,769,829 barrels from 38,436,717 a year earlier. There was 2.6% more domestic crude at 21,881,306 barrels versus 21,324,592 and, 7.7% less imported crude at 15,888,523 barrels versus 17,112,125. Domestic disappearance of finished petroleum products increased 5.0% to 41,522,505 barrels from 39,544,062 in the same month last year.

Refinery Production in Canada of Selected Petroleum Products, July 1970

					Fuel oil			Total all	products
	Motor gasoline	Aviation turbo fuel	Kerosene stove oil	Diesel	Light	Heavy	Total all products	Cumulative 1970	Cumulative 1969
				barrels of	of 35 Canadian	gallons			
Newfoundland	(1)	(1)	(1)	8	(1)	(1)	(1)	(1)	(1)
Maritimes	1,208,032	57,159	160,059	(2)	704,613	1,097,699	4,146,525	27,898,276	27,117,331
Quebec	3,644,274	389,192	414,089	1,874,617	2,102,238	2,718,240	12,475,611	88,695,309	80,238,308
Ontario	4,583,901	329,086	409,002	1,215,556	1,845,587	1,408,784	11,406,524	76,718,020	71,533,944
Manitoba	590,797	115,688	660,86	338,592	13,016	51,873	1,404,012	8,484,495	8,716,503
Saskatchewan	926,130	38,432	146,686	485,319	103,103	153,635	2,151,638	12,906,722	13,492,668
Alberta	1,547,611	174,286	15,322	827,174	230,009	117,433	3,548,635	23,019,736	23,172,989
British Columbia	1,568,130	212,230	261,697	844,408	119,727	350,689	3,917,758	24,829,745	21,505,819
North West Territories and Yukon	12,260	12,268	I .	10,563	11,479	41,070	94,713	556,299	466,121
Canada totals	14,081,135	1,328,341	1,504,954	5,596,229	5,129,772	5,939,423	39,145,416	1	4
Canada cumulative 1970	91,685,498	8,041,757	12,057,346	30,665,859	41,779,373	47,838,668	1	263,108,602	ŧ
Canada cumulative 1969	86,307,050	5,937,657	11,703,294	28,209,162	38,917,686	44,902,280	ł	1	246,243,683
 Included with Maritimes. Included with Quebec. 									

- 6 -

NET SALES in Canada of Selected Petroleum Products, July 1970

	Motor	Av. 194	200		Fuel oil		,	Total all	products
	gasoline	turbo fuel	stove oil	Diese1	Light	Неаvу	Total all products	Cumulative 1970	Cumulative 1969
				barrels	of 35 Canadian	gallons			
Newfoundland	248,207	83,031	46,832	214,140	79,137	463,532	1,258,312	8,756,140	7,400,147
Maritimes	1,224,079	73,355	96,800	463,539	210,835	1,066,927	3,523,894	28,096,463	24,793,952
Onepec	3,999,000	578,050	182,936	784,623	626,987	2,881,619	9,607,540	89,541,574	85,252,349
Ontario	5,870,342	447,977	60,172	954,930	791,339	2,086,808	12,057,467	93,124,445	89,093,214
Manitoba	792,972	104,972	12,536	312,975	15,361	28,638	1,437,776	9,643,561	9,445,241
Saskatchewan	1,023,216	35,157	7,021	549,050	12,184	31,351	1,869,715	10,235,529	10,594,945
Alberta	1,624,004	157,442	8,833	648,208	17,403	91,281	2,954,383	16,156,171	15,722,559
British Columbia	1,715,752	239,021	38,230	718,950	140,070	625,246	3,907,303	26,133,850	27,222,469
North West Territories and Yukon	50,898	14,297	3,959	136,179	27,819	56,529	312,446	1,181,786	933,662
Canada totals	16,548,470	1,733,302	457,319	4,782,594	1,921,135	7,331,931	36,928,836	1	1
Canada cumulative 1970	93,046,125	9,390,841	10,797,251	26,131,603	60,177,901	59,671,560	1	282,869,519	ı
Canada cumulative 1969	88,204,988	8,253,235	10,487,757	25,581,650	57,562,268	57,831,511	1	ı	270,458,538

	Motor	Kerosene		Fuel oil		Total all
	gasoline	stove oil	Diesel	Light	Heavy	products
		barre	ls of 35 C	anadian gal	lons	
Maritimes	122,453	16,440	54,464	567,013	608,939	1,565,211
Quebec	329,030	63,110	362,594	428,133	1,080,819	2,357,067
Ontario	-	-	- 2,945	227,715	349,997	1,072,467
All other	355	40	277	-	122,006	214,922
Canada total	451, 838	79,550	414,390	1,222,861	2,161,761	5,209,667

EXPORTS* of Selected Petroleum Products, July 1970

	Motor	Kerosene		Fuel oil		Total all
	gasoline	stove oil	Diesel	Light	Heavy	products
		barre	ls of 35 C	anadian gal	lons	
Maritimes	_	-	-	-	-	_
Quebec	-	-	9,544	-	13,802	39,849
Ontario	7	-	-	142,172	729	219,474
Saskatchewan	-	-	-	-	-	134
Alberta	-	-	-	- :	2,760	2,760
British Columbia	46,513	-	7,910			56,367
Canada total	46,520	-	17,454	142,172	17,291	318,584

^{*} Only those made by respondents to the refined Petroleum Products survey.

4. Refined Petroleum Products, Vol. I 1969

Total year receipts of canadian crude oil at refineries amounted to 242,034,744 barrels or 663,109 B/D. Imported crude for the same year, reached 190,479,081 barrels or 521,860 B/D. The net import of petroleum products by refiners and distributors rose to 70,419,498 barrels or 192,930 B/D, thus raising Canada's total petroleum demand to 502,933,323 barrels or 1,377,899 B/D.

Canada's crude production in 1969 amounted to 448,715,064 barrels or 1,229,356 B/D, thus giving the nation a position of 89.2% self sufficiency in absolute terms.

Statistics pertaining to 1969 refined petroleum products supply and demand appear in detail in DBS publication catalogue number 45-204, entitled Refined Petroleum Products Vol. I which will be released shortly.

Refinery Receipts of Crude Oil, Condensates and Pentanes Plus - 1969

	Atlantic Provinces	Quebec	Ontario	Manitoba	Sask- atchewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
Domestic materials from Western Camada			123,234,922	14,808,005	23,571,726	39,656,792	38,847,588	754,090	240,873,123
Eastern Canada		,	1,161,671						1,161,621
Total Domestic		*	124, 396,543	14,808,005	23,571,726	39,656,792	38,847,588	754,090	242,034,744
Imported materials from									
Columbia	•	1,8/1,763		-10	10	,			1,8/1,7/1
Iran	4,297,614	12,000,194)	7	,			16,297,808
Iraq	2	5,164,993	,						5,164,993
Kuwalit		4,497,575							4,497,578
Libya	3,638,011	3 %, 71%						-	1,971,726
Nigeria		8,001,0004							8,061,004
Sand i - Arabia	6,191,547	5,981,724							12,173,271
Trinidad		2,5 11,778							11 78
Trucial States	2	9,350,736	,						9, 350, 736
United States		207,513							20%, 113
Venezuela	31,469,117	94,458,226	1/5,11						126,348,914
Total imported	45,596,289	144,461,221	421,571					0	190,479,081
Grand total domestic and Imported	45,596,289	144,461,221	124,818,114	14,808,005	23,571,726	19,656,792	38,847,588	754,090	1 2 .

Total all Products Supply and Disposition of Petroleum Products

	Atlantic Provinces	Quebec	Ontario	Manitoba	Saskat. chewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
Refinery production	45,588,486	144,046,162	124,944,811	14,856,221	23,554,630	40,420,446	39,152,713	754,090	433,317,559
Other material used	(1)	44,398	143,959	176,109	4,960	101,739	7,028	76	478,287
Other receipts									
From other reporting companies	27,575,341	26,609,359	40,789,471	4,109,994	3,646,864	6,751,758	11,935,986	68,786	121,487,559
From non-reporting companies	84,749	5,870,201	1,136,470	29,398	189,443	708,645	303,900	5,792	8,328,598
Imports	15,833,345	41,575,791	8,625,435	287,625	43,209	34,014	8,297,674	24,530	74,721,623
Inventory changes	787,908	- 69,658	- 1,956,374	22,909	- 507,221	154,024	213,425	- 189,762	- 1,544,749
Interproduct transfers IN	9,233,579	9,349,814	37,466,073	5,067,390	3,487,545	1,501,259	4,407,315	1,780,952	72,293,927
Interproduct transfers OUT	11,837,078	33,428,906	5,050,780	2,442,653	6,210,612	11,585,458	1,453,971	284,469	72,293,927
Deliveries to other reporting Companies	27,145,643	27,129,299	39,668,215	4,247,031	3, 398, 837	6,663,286	12,240,767	48,791	120,541,869
Exports	ı	393,964	2,362,202	1	34,061	71,012	1,440,886	1	4,302,125
Domestic disappearance	60,135,914	166,458,671	164,068,648	17,859,962	20,775,920	31,352,129	49,182,417	2,111,222	511,944,883
Losses	- 179,195	1,048,131	1,333,679	73,974	330,294	563,228	715,619	216,872	4,102,602
Own consumption	3,117,737	9,367,141	8,251,334	1,031,886	1,571,597	2,769,140	2,305,756	114,957	28,529,548
Net sales in Canada	57,197,372	156,043,399	154,483,635	16,754,102	18,874,029	28,019,761	46,161,042	1,779,393	479,312,733
(1) Included with Quebec.									

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Catalogue No. 57-002 Vol. 5, No. 79 October 1970

CONTENTS

1.	Preliminary Propane Statistics June 1969	rage
	and June 1970	1
2.	Crude Oil Requirements, 1969-1970	4

1. Preliminary Propane Statistics June 1969 and June 1970

Production of propane for June 1970 amounted to 2,007,449 barrels. This was an increase of 553,262 barrels over the same month last year.

Sales to distribution were 667,540 barrels as compared with 619,551 barrels during June 1969.

The export of propane for the month was 911,048 barrels, a boost of 50 per cent over June 1969.

These statistics show provincial source and end disposition of the product, without taking into account intermediate interprovincial transfers.



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Canadian Propane Supply and Disposition

							Marshrage	
	Atlantic	Quebec	Ontario	Manitoba and Saskat- chewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
				bar	rels			
June 1969								
Supply								
Refinery production	34,233	119,340	81,384	24,111	_	12,797	-	271,865
Gas processing plant production(1)	-	-	143	77,390	1,088,724	16,208	-	1,182,322
Imports Interprovincial "IN"	238	1,042 74,174	136,551	79,285	1,507	26,211	5,211	
Inventory change	1,079	(17,155)	29,234	(63,181)	(86,122)	(2,907)	~	(139,052)
Totals	35,550	177,401	247,312	117,605	1,004,109	52,309	5,211	1,316,320
Disposition								
Plant and refinery use	-	3,669	13,600	6,761	3,489	-	-	27,519
Gas enrichment	-	_	-	-	11,424	-	-	11,424
Petrochemical and Industrial(2)	22 07/	30,510	61,072 176,306	100,027	122,824 91,856	3,557 44,052	5,211	217,963 619,551
Distributors Exports:	33,974	168,125	170,300	100,027	,	44,032		
District 1	-	-	-	7,346	7,995	-	-	7,995 86,716
District 1V	_	_	-	-	21,771	-	-	21,771
District V	-	-	-	-	63,020	3,129	-	66,149
Offshore	- 26	(690)	(590)	- 519	270,124 (3,003)	-	-	270,124 (3,736)
Losses or gains	26 830	(689) (25,989)	(589) (3,270)	-	19,318	(45)	-	(9,156)
Interprovincial "OUT"	720	1,775	193	2,952	315,921	1,616	-	
Totals	35,550	177,401	247,312	117,605	1,004,109	52,309	5,211	1,316,320
June 1970								
Supply								
	c1 17/	151,031	242,850	24,382	2,000	16,055	_	487,492
Refinery production	51,174	151,031	- 242,830	65,944	1,423,008	31,005	-	1,519,957
Imports	-	2,204	150 /00	75.065	076	27 775	6 160	2,204
Interprovincial "IN"	(321)	24,046 16,961	158,489 (95,460)	75,365 (26,963)	976 (86,259)	37,775 (428)	6,169	(192,470)
Totals	50,853	194,242	305,879	138,728	1,339,725	84,407	6,169	1,817,183
Disposition								
	-	11.800	24,460	4,273	3,717	_	-	44,250
Plant and refinery use	-	11,800	24,460	4,273	3,717	-	-	-
Plant and refinery use	-	-	-	4,273	50,911	-	-	50,911
Plant and refinery use	39,363	25,315	96,485	-	50,911 107,115	1,582	-	-
Plant and refinery use	39,363	-	-	-	50,911 107,115 107,073	1,582 56,675	6,169	50,911 230,497 667,540
Plant and refinery use	39,363	25,315	96,485	98,099	50,911 107,115 107,073 48,839	1,582 56,675	-	50,911 230,497 667,540 48,839
Plant and refinery use Gas enrichment Miscible flood Petrochemical and Industrial(2) Distributors Exports: District 1 District 11	39,363	25,315	96,485 206,082	-	50,911 107,115 107,073 48,839 162,193	1,582 56,675	6,169	50,911 230,497 667,540
Plant and refinery use	39,363	25,315	96,485 206,082	98,099	50,911 107,115 107,073 48,839	1,582 56,675	6,169	50,911 230,497 667,540 48,839 190,329 38,579 46,544
Plant and refinery use	39,363	25,315 154,079	96,485 206,082	98,099	50,911 107,115 107,073 48,839 162,193 38,579 46,139 563,252	1,582 56,675 - - 405 23,505	6,169	50,911 230,497 667,540 48,839 190,329 38,579 46,544 586,757
Plant and refinery use	-	25,315 154,079	96,485 206,082 - - - - 144	98,099	50,911 107,115 107,073 48,839 162,193 38,579 46,139 563,252 (411)	1,582 56,675 - - - 405 23,505	6,169	50,911 230,497 667,540 48,839 190,329 38,579 46,544 586,757 (108)
Gas enrichment Miscible flood Petrochemical and Industrial(2) Distributors Exports: District 1 District 11 District 1V District V Offshore	39,363	25,315 154,079	96,485 206,082	98,099	50,911 107,115 107,073 48,839 162,193 38,579 46,139 563,252 (411)	1,582 56,675 - - - 405 23,505	6,169	50,911 230,497 667,540 48,839 190,329 38,579 46,544 586,757

⁽¹⁾ Excludes returned to formation.
(2) Identifiable industrial sales have been allocated to this category. Distributor sales may contain sales to industrial.

2. Crude Oil Requirements, 1969-70

The crude oil requirements by Canadian refineries are estimated to increase to a total of 1,280 million B/D in 1970; an increase of 8.0% over last year.

Canadian crude requirements for refining are expected to increase by 5.9% from 663,000 B/D in 1969 to 702,000 B/D in 1970, while imported crude requirements for refining are expected to rise by 10.7% from 522,000 B/D in 1969 to 578,000 B/D in 1970.

Forecast new needs of crude oil for refining are expected to amount to 95,000 B/D in 1970, with domestic produced crude supplying 41% of these needs (39,000 B/D) and imports 59% (56,000 B/D).

Crude oil exports for the fourth quarter of 1970 are estimated to average 662,000 B/D an increase of 65,000 B/D over the same period in 1969.

Canadian Crude Oil Requirements

Anticipated and Actual Refinery Receipts of Crude Oil, Condensate and Pentanes Plus

	Act Jan			Actual 1969			Estim 197		
	1968	1969	Oct.	Nov.	Dec.	Oct.	Nov.	Dec.	Jan. - Dec.
				1000 bar	rels per d	ay			
By source									,
Domestic									
Western	641.4	659.9	618.0	686.8	715.4	723.0	744.5	751.9	698.8
Eastern	3.2	3.2	2.9	2.9	2.8	2.8	2.8	2.8	3.0
Totals	644.6	663.1	620.9	689.7	718.2	725.8	747.3	754.7	701.8
Imported	487.1	521.9	484.4	625.4	523.9	582.4	616.1	618.9	578.6
Total requirements	1,131.7	1,185.0	1,105.3	1,315.1	1,242.1	1,308.2	1,363.4	1,373.6	1,280.4
By location				:					
Atlantic Quebec Ontario Manitoba Saskatchewan Alberta British Columbia North West Territories	109.2 376.6 329.2 42.3 60.7 100.7 110.9	124.9 395.8 342.0 40.6 64.6 108.6 106.4 2.1	110.1 374.3 321.7 30.6 41.7 110.7 115.2	162.6 462.8 355.3 43.3 71.1 111.4 106.9	99.1 424.9 373.2 44.1 69.1 109.9 120.2	141.8 440.6 380.5 48.7 61.6 112.8 119.7 2.5	138.0 478.1 395.2 47.4 67.2 114.9 119.6 3.0	188.6 430.3 403.9 48.0 64.9 114.6 120.5	138.9 438.3 371.7 42.5 62.4 107.4 116.8 2.4
Total requirements	1,131.7	1,185.0	1,105.3	1,315.1	1,242.1	1,308.2	1,363.4	1,373.6	1,280.4
Export requirements(1)	461.8	554.9	553.4	594.5	644.3	653.5	672.8	659.3	660.2

⁽¹⁾ Reported by the pipeline companies.

Crude Oil Requirements 1969 and 1970

Summary of Crude Oil Requirements and New Needs (thousand barrels daily)

	19	69		. 19	170	
	Requir	ements	Requir	ements	New 1	needs
	Volume	%	Volume	%	Volume	%
Domestic	663	56	702	55	39	41
Imports	522	44	578	45	56	59
Totals	1,185	100	1,280	100	95	100

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Catalogue No. 57-002 Vol. 5, No. 80



October 1970

Preliminary Electric Power Statistics, August 1970 Catalogue No. 57-001

In August net generation rose 5.8% to 15,745,518 thousand kwh. from 14,877,426 thousand kwh. in August 1969. Increases in net generation occurred in all provinces except New Brunswick and British Columbia where there were decreases of 1.5% and 24.0% respectively. Labour disputes in several large industries in British Columbia were responsible for the decline in electricity consumption in that province. The largest increases occurred in Newfoundland and Yukon Territory where they amounted to 38.2% and 84.0% respectively. Hydro generation increased 3.8% in August over the same period last year, while thermal generation increased 13.7%.

Imports increased 75.4% and exports also increased 33.3% compared with August 1969. Firm energy consumption increased 4.9%.

Total generation for the twelve month period ending August 31, 1970 amounted to 199,879,659 thousand kwh. compared with 199,011,567r thousand kwh. for the twelve month period ending July 31, 1970.

Seasonally adjusted net generation in August 1970 amounted to 17,436 million kwh. compared with 17,276 million kwh. in July and 17,107 million kwh. in June. Firm energy consumption amounted to 16,784 million kwh. on a seasonally adjusted basis. The comparable figures for July and June were 16,689 million kwh. and 16,584 million kwh. respectively.

Preliminary Electric Energy Statistics

(thousand Kwh)

		August	
	1968	1969	1970
Net generation - Hydro	10,490,958	11,814,328	12,262,984
Thermal	3,258,872	3,063,098	3,482,534
Total net generation	13,749,830	14,877,426	15,745,518
Energy imported from U.S.A	233,286	138,454	242,797
Energy exported to U.S.A.:			
Firm	61,022	67,166	78,246
Secondary	199,431	409,618	557,259
Total exported to U.S.A	260,453	476,784	635,505
Net energy used in Canada	13,722,663	14,539,096	15,352,810
Secondary energy used in Canada	131,541	91,359	192,330
Firm energy used in Canada	13,591,122	14,447,737	15,160,480
r Revised figures.			

r Revised figures.

OGUE No. 57 -002



For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

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Catalogue No. 57-002 Vol. 5, No. 81

October 1970

Sales of Natural Gas, Catalogue No. 55-002

Total sales of natural gas to Canadian consumers for August were 46,589,020 Mcf. This was an increase of 4.4% over the same month last year. Revenue from sales was \$25,428,543.

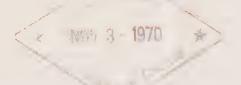
Sales for the first eight months of 1970 were 604,941,849 Mcf. This was an increase of 7.3% over the same period last year. Exports continued to rise over the period amounting to 506,442,808 Mcf., an increase of 16.5%, while imports were 7,502,248 Mcf., a decrease of 60.5%. Export Revenues were up 19.3%.

Sales of Natural Gas, August 1970

	Custome	ers	Gas sold	Revenue
	Space heating	Total	Gas sold	Revenue
	No.		Mcf.	\$
Residential: New Brunswick	120	1 500	1 701	6 21/
	130 104,654	1,580	1,781	6,214 841,846
Quebec	587,543	200,373	1,977,521	2,848,653
Manitoba	112,692	114,750	272,934	373,153
Saskatchewan	121,665	124,329	353,592	507,865
Alberta	275,416	278,560	1,256,672	1,147,796
British Columbia	186,853	216,227	646,199	861,062
Canada	1,388,953	1,661,171	4,773,761	6,586,589
Commercial:				
New Brunswick		54	1,594	3,713
Quebec		9,891	293,001	334,775
Ontario		68,964	2,857,509	2,600,582
Manitoba		11,194	204,937	160,550
Saskatchewan		16,955	170,907	162,933
Alberta		31,193	1,392,738	582,576
British Columbia		28,417	660,893	641,956
Canada		166,668	5,581,579	4,487,085
Industrial:				
New Brunswick	1		-	-
Quebec		1,926	2,505,896	1,171,403
Ontario		8,575	15,894,378	8,074,287
Manitoba		328	1,275,552	362,671
Saskatchewan		655	2,364,491	669,044
Alberta		1,211	9,016,948	1,711,673
British Columbia		380	5,176,415	2,365,791
Canada		13,075	36,233,680	14,354,869
Firm		12,371	28,276,721	11,257,737
· Interruptible		704	7,956,959	3,097,132
Total sales:				
New Brunswick		1,634	3,375	9,927
Quebec		212,190	3,063,959	2,348,024
Ontario		802,891	20,729,408	13,523,522
Manitoba		126,272	1,753,423	896,374
Saskatchewan		141,939	2,888,990	1,339,842
Alberta	1	310,964	11,666,358	3,442,045
British Columbia	T .	245,024	6,483,507	3,868,809
Canada		1,840,914	46,589,020	25,428,543
Total exports			56,825,521	15,091,236
Total imports			1,472,030	638,176

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Catalogue No. 57-002 Vol. 5, No. 82



October 1970

Page

CONTENTS

1.	Oil Pipe Line Transport, August 1970, Cat. No. 55-001	1
2.	Refined Petroleum Products, August 1970	3

Oil Pipe Line Transport, August 1970, Cat. No. 55-001

Net receipts of crude oil, condensate, pentanes plus and refined petroleum products by Canadian oil pipe lines during August increased 7.3 per cent to 2,008,200 B/D from 1,872,100 B/D for the same period of the preceding year; domestic oils amounted to 1,566,900 B/D (up 6.5 per cent) and imported oils were 441,300 B/D (up 10.2 per cent).

Net deliveries of crude oil, condensate, pentanes plus and refined petroleum products during the month rose 7.8 per cent to 2,032,800 B/D from 1,885,100 B/D last year. Included in the month's deliveries were 1,363,900 B/D to domestic points (up 4.5 per cent) and 668,900 B/D for export (up 15.5 per cent).

For the eight-month period, net receipts of all commodities were 2,024,900 B/D, an increase of 11.8 per cent over the same period of 1969; deliveries rose 12.4 per cent, to 2,030,700 B/D. The imports by pipe line for the period increased to 423,400 B/D while the exports of the same commodities rose to 671,500 B/D, increases of 10.2 per cent and 22.8 per cent, respectively.

Total traffic for August amounted to 30,317 million barrel miles with an average length of haul of 481.1 miles.

Oil held by Canadian pipe line systems totalled 23,711,783 barrels by the end of August. Inventories of crude oil and equivalent decreased by 656,163 barrels, while inventories held in Canada and the United States decreased by 938,285 barrels.

6503-521

DBS REGIONAL OFFICES - St. Johns • Halifax • Montreal • Ottawa • Toronto • Winnipeg • Edmonton • Vancouver

Oil Pipe Line Supply and Disposition

		August	1970		Year to d	ate 1970
Supply and disposition	Crude oil and equiva- lent	Refined petroleum products and L.P.G.'S.	Total volume	% change from August 1969	Total volume	% change from previous year
			'000 barre	ls per day		
Net receipts						
Domestic Imports	1,326.6 440.8	240.3	1,566.9 441.3	+ 6.5 + 10.2	1,601.5 423.4	+ 12.3 + 10.2
Total net receipts	1,767.4	240.8	2,008.2	+ 7.3	2,024.9	+ 11.8
Net deliveries						
Domestic Exports	1,141.2 656.4	222.7 12.5	1,363.9 668.9	+ 4.5 + 15.5	1,359.2 671.5	+ 7.9 + 22.8
Total net deliveries	1,797.6	235.2	2,032.8	+ 7.8	2,030.7	+ 12.4
Inventory change (barrels)	- 938,285	176,084	- 762,201	•	- 1,518,975	-

2. Refined Petroleum Products

Production of refined petroleum products increased 3.4% in August to 40,444,627 barrels from 39,086,742 in the same month last year, according to an advance release of data that will be contained in the August issue of the DBS report "Refined Petroleum Products", Catalogue No. 45-004.

Receipts of crude oil increased 4.7% in August to 39,984,841 barrels from 38,172,443 a year earlier. There was 5.4% less domestic crude at 20,824,422 barrels versus 22,009,340 and, 18.5% more imported crude at 19,160,419 barrels versus 16,163,103. Domestic disappearance of finished petroleum products increased 4.5% to 39,272,813 barrels from 37,569,654 in the same month last year.

Refinery Production in Canada of Selected Petroleum Products, August 1970

	;				Fuel oil		,	Total all products	products
	Motor gasoline	Aviation turbo fuel	Kerosene stove oil	Diesel	Light	Heavy	Total all products	Cumulative 1970	Cumulative 1969
				barrels	of 35 Canadian	gallons			
Newfoundland	(1)	(1)	(1)	ı	(1)	(1)	(1)	(1)	(1)
Maritimes	1,214,085	90,610	273,292	(2)	800,268	1,194,186	4,432,226	32, 330, 502	30,950,624
Quebec	4,268,653	485,978	377,804	1,914,074	2,717,481	3,220,127	13,914,947	102,610,256	93,170,867
Ontario	4,382,582	252,132	259,552	1,051,035	1,976,980	1,567,261	11,165,909	87,883,929	82,827,628
Manitoba	598,936	113,312	73,822	238,674	91,802	60,651	1,377,836	9,862,331	10,003,459
Saskatchewan	974,719	30,913	138,331	378,926	189,506	150,940	2,151,713	15,035,766	15,823,247
Alberta	1,494,022	169,117	33,970	963,269	78,801	122,045	3,589,204	26,608,940	26,768,705
British Columbia	1,463,946	199,756	225,502	939,723	89,251	358,042	3,726,678	28,556,423	25,194,238
North West Territories and Yukon	11,308	15,401	1	11,201	13,958	35,465	86,114	642,413	542,194
Canada totals	14,408,251	1,357,219	1,382,273	5,496,902	5,958,047	6,708,717	40,444,627		,
Canada cumulative 1970	106,093,749	9,398,976	13,439,619	36,162,761	47,737,420	54,497,725	,	303,530,560	1
Canada cumulative 1969	100,823,376	7,235,214	13,085,884	33,488,213	44,599,001	50,904,254	,	ı	285,280,962
(1) Included with Maritimes. (2) Included with Quebec.									

NET SALES in Canada of Selected Petroleum Products, August 1970

					Fuel oil			Total all	. products
	Motor gasoline	Aviation turbo fuel	Kerosene stove oil	Diese1	Light	Heavy	Total all products	Cumulative 1970	Cumulative 1969
				barrels	of 35 Canadian	gallons			
Newfoundland	227,344	94,353	42,152	187,569	76,484	604,365	1,328,212	10,084,352	8,507,878
Maritimes	1,204,848	79,903	69,237	361,766	220,874	1,305,740	3,594,829	31,699,405	28,106,556
Quebec	3,678,878	487,138	110,596	680,706	1,003,676	3,435,877	10,759,466	101,926,740	95,872,875
Ontario	5,534,881	519,662	125,702	873,590	644,130	1,915,135	11,510,903	105,126,147	99,591,556
Manitoba	773,481	119,599	16,045	307,330	15,101	23,637	1,447,180	11,090,894	10,858,207
Saskatchewan	1,096,975	38,263	11,043	522,521	11,299	28,045	1,985,608	12,321,462	12,432,917
Alberta	1,619,286	152,212	8,390	591,461	22,595	93,736	2,906,532	19,069,241	18,476,894
British Columbia	1,662,133	193,648	40,296	746,600	90,707	424,386	3,611,715	29,771,879	30,739,159
North West Territories and Yukon	41,323	38,688	- 7,870	170,535	24,687	34,411	327,741	1,512,720	1,198,431
Canada totals	15,839,149	1,723,466	415,591	4,442,078	2,109,553	7,865,332	37,472,186	ı	ı
Canada cumulative 1970	108,902,801	11,114,307	11,289,753	30,586,444	62,979,460	67,693,996	t	322,602,840	1
Canada cumulative 1969	103,441,028	9,801,993	10,896,728	29,809,797	59,708,265	64,808,775	1	•	305,784,473

IMPORTS into Canada of Selected Petroleum Products, August 1970

	Motor	Kerosene		Fuel oil		Total all
	gasoline	stove oil	Diesel	Light	Heavy	products
		barre	1s of 35 C	anadian gal	lons	
Maritimes	-	-	-	586,829	786,810	1,443,594
Quebec	382,304	41,514	279,721	572,797	1,744,079	3,538,319
Ontario	-	-	-	108,779	466,731	954,746
All other	8,170	235	125,478		216,454	375,149
Canada total	390,474	41,749	405,199	1,268,405	3,214,074	6,311,808

EXPORTS* of Selected Petroleum Products, August 1970

	Motor	Kerosene		Fuel oil		Total all
	gasoline	stove oil	Diesel	Light	Heavy	products
		barre	ls of 35 C	anadian gal	lons	
Maritimes	-	-	-	-	-	_
Quebec	man and an	22,456	22,563	177,994	77,556	349,413
Ontario	- 7	~	10	107,542	6,541	139,141
Saskatchewan	-	-	-	-	440	1,497
Alberta	-	-	-	-	-	143
British Columbia	56,144	-	24,397	19,544	-	125,948
Canada total	56,137	22,456	46,970	305,080	84,097	616,142

^{*} Only those made by respondents to the refined Petroleum Products survey.

RVICE BULLETIN



or further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

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Publication.

Catalogue No. 57-002 Vol. 5, No. 83



October 1970

Preliminary(1) Report on Coal Production

September 1970

Preliminary data indicate that coal production for the month of September 1970 amounted to 1,497,906 tons, an increase of 73.6% from the September 1969 preliminary production figure of $862,939^{\rm r}$ tons. Landed imports were 2,234,508 tons compared with 1,545,755 tons for the same period last year.

⁽¹⁾ Advanced publication of data included in Monthly publication No. 45-002 Coal and Coke Statistics.

Production and Landed Imports of Coal, by Provinces

	1			
	196	9	19	70
	Production(2)	Landed imports(1)	Production(2)	Landed imports(1)
		net tons of 2	,000 pounds	
September Newfoundland		2,863	_	
Nova Scotia	194,959 80,082 ^r - -	25,055 163 109,085 1,408,589	181,209 30,067 - -	30,472 203 154,974 2,048,761
Manitoba	132,916 118,403 253,799 82,780 ^r	- - - -	328,618 300,904 307,015 350,093	95
Canada totals	862,939 ^r	1,545,755	1,497,906	2,234,508
Nine months ended September				
Newfoundland Nova Scotia New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta - Bituminous Sub-bituminous British Columbia and Yukon	2,043,848 537,752 ^r - - 1,307,241 877,570 2,152,222 692,610 ^r	6,371 429,272 864 606,253 11,201,010 4,226 1,153	1,597,282 284,939 - - 2,231,302 1,868,758 2,715,963 2,179,397	1,349 275,162 1,199 465,559 12,682,926 2,947 1,244
Canada totals	7,611,243 ^r	12,249,570	10,877,641	13,430,430
(1) Supplied by the Department	C 73	-	-	

⁽¹⁾ Supplied by the Department of Energy, Mines, and Resources do not necessarily agree with figures reported in Trade of Canada.

⁽²⁾ All figures are preliminary.

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Covernment Publications

Catalogue No. 57-002 Vol. 5, No. 84



Page

- 1. Preliminary Propane Statistics July 1969, and July 1970 1 2. Coal and Coke Statistics, August 1970, Catalogue No. 45-002
- 1. Preliminary Propane Statistics July 1969 and July 1970

Production of propane for July 1970 amounted to 2,090,132 barrels. This was an increase of 272,957 barrels over the same month last year.

Sales to distributors were 581,678 barrels as compared with 713,709 barrels during July 1969.

The export of propane for the month was 575,267 barrels, an increase of 25.0% over July, 1969.

These statistics show provincial source and end disposition of the product, without taking into account intermediate interprovincial transfers.

Canadian Propane Supply and Disposition

	Atlantic	Quebec	Ontario	Manitoba and Saskat- chewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
				bar	rels			
<u>July 1969</u>								
Supply								
Refinery production	40,306	125,692	205,739 - 146	25,504 77,704	1,313,023	15,479 13,728	-	412,720 1,404,455 146
Imports Interprovincial "IN" Inventory change	(1,910)	52,312 (6,073)	174,096 16,015	61,828 (69,321)	817 (301,627)	50,682 (492)	4,291	(363,408)
Total	38,396	171,931	395,996	95,715	1,012,213	79,397	4,291	1,453,913
Disposition								
Plant and refinery use	-	3,271	10,500	6,620	2,296	no.	_	22,687
Gas enrichment	-	30,850	136,089	-	5,989 30,106 111,210	3,104	-	5,989 30,106 281,253
Distributors Exports	32,359	152,407	242,340	82,485	126,864 3,582	72,963	4,291	713,709
District I	-	-	-	3,539	84,594 21,617	_	_	88,133 21,617
District IV	-	-	-		76,307 270,248	196	-	76,503 270,248
Offshore	(9) (510)	41 (14,638)	1,814 4,885	242 (557)	1,688 (54,008)	(40) 1,178	-	3,736 (63,650
Interprovincial "OUT"	6,556	-	368	3,386	331,720	1,996	ens	
Total	38,396	171,931	395,996	95,715	1,012,213	79,397	4,291	1,453,913
<u>July 1970</u>								
Supply								
Refinery production	44,130	168,781	195,862	24,733	1,900	19,292	-	454,698
Gas processing plant production(1) Imports	-	3,295	125	65,678	1,536,247	33,509	-	1,635,434
Interprovincial "IN" Inventory change	4,965	20,717 8,017	78,472 24,116	28,035 (19,360)	(694,381)	20,351 2,155	3,530	(674,488
Total	49,095	200,810	298,575	99,086	843,766	75,307	3,530	1,419,064
Disposition								
Plant and refinery use	-	23,630	8,300	4,936	2,617 3,047	-	-	39,483 3,047
Miscible food	-	- 22 250		-	2,666	_	-	2,666 183,204
Petrochemical and Industrial(2) Distributors Exports:	37,721	22,359 135,292	44,395 202,810	60,042	109,559 86,428	6,891 55,855	3,530	581,678
District II		_	-	29,296	50,472 173,493		-	50,472 202,789
District IV	-		-		41,512 23,692	_	-	41,512
Offshore	_	-		-	246,216	10,586	40	256,802
Losses or gains	122	19 073	91 42 979	1,833	3,956	8	-	6,076 27,643
Interprovincial "OUT"	3,496 7,756	19,073	42,979	(74) 3,053	(37,831) 137,939	1,967		27,045
Total	49,095	200,810	298,575	99,086	843,766	75,307	3,530	1,419,064

Excludes returned to formation.
 Identifiable industrial sales have been allocated to this category. Distributor sales may contain sales to industrial.

2. Coal and Coke Statistics, August 1970, Cat. No. 45-002

Coal production for the month of August 1970 amounted to 1,304,513 tons an increase of 129.5% from the August 1969 production of 568,396 tons, while landed imports were 2,025,588 tons compared with 1,628,634 tons for the month of August 1969. Consumption by industrial consumers amounted to 1,233,404 tons of coal and 497,789 tons of coke, an increase of 193,530 tons of coal and 241,329 tons of coke from last year.

Industrial consumers' stocks of coal and coke increased to 6,415,828 tons from 6,369,046 tons in August 1969.

Coke production during the month of August 1970 increased to 478,404 tons from 252,224 tons in August 1969, while coke used in blast furnaces increased to 362,328 tons from 125,888 tons during the same period.

Coal and Coke Statistics

August 1970

			Coal			Со	ke
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
				tons			
Newfoundland	- '	-	_	-	-	-	-
Prince Edward Island	- ,	-	-		-	-	-
Nova Scotia	86,874	25,519	127,535	54,656	17,717	40,672	-
New Brunswick	19,867	162	45,167	29,601	60,507	-	-
Quebec	-	55,370	-	60,214	122,487	51,503	78,474
Ontario	-	1,944,069	~	657,164	5,532,524	400,568	127,456
Manitoba	-	386	~	16,181	102,524	54	421
Saskatchewan	260,643	41	258,712	149,114	264,287	504	-
Alberta	494,083	-	483,155	259,671	59,666	401	190
British Columbia and Yukon	443,046	41	296,920	6,803	14,573	4,591	35,002
Total Canada 1970	1,304,513	2,025,588	1,211,489	1,233,404	6,174,285	497,789	241,543
Total Canada 1969	568,396	1,628,634	623,263	1,039,874	6,102,263	256,460	266,783



\$5.00 A YEAR



Catalogue No. 57-002 Vol. 5, No. 85

November 1970

Crude Petroleum and Natural Gas Production,
July 1970, Catalogue No. 26-006

According to preliminary data, the production of crude petroleum and equivalent hydrocarbons during July 1970 amounted to 41,829,794 barrels (1,349,348 barrels per day) an increase of 8.9 per cent or 110,818 barrels per day from July 1969.

Preliminary figures of natural gas net new production in July 1970 indicate an increase of 15.7 per cent to 181,889,906 Mcf. from 157,217,038 Mcf. in July 1969.



6503-521

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TABLE 1. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, July 1970

	New Brunswick	Ontario	Manitoba	Saskat chewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
Supply		_	_		barrels of 35	Canadian	gallons			
Domestic production Crude oil Synthetic crude oil Less returned to formation	ω ιΩ 1 1 ω	88,731	489,748	7,568,192	27,095,977 1,180,947 271,087	2,161,499	103,697	37,508,702 1,180,947 271,087	:::	37,508,702 1,180,947 271,087
Totals	858	88,731	489,748	7,568,192	28,005,837	2,161,499	103,697	38,418,562		38,418,562
Condensate	1 1	1 1	1 4	35,159	61,151	8,295	1 1	69,446		69,446
Net withdrawals	858	88,731	489,748	7,603,351	31,296,639	2,246,770	103,697	41,829,794		41,829,794
Imports	•		:	:	:	:			15,874,179	15,874,179
Total supply	858	88,731	489,748	7,603,351	31,296,639	2,246,770	103,697	41,829,794	15,874,179	57,703,973
Disposition										
Deliveries to refineries Atlantic Provinces	,	1	1	8	1	ı	1	1		3,893,293
Quebec	1 I	88,254	379,735	3,541,512	7,067,101	1 ,	1 1	11.076.602	11,854,389	11,854,389
Manitoba Saskatchewan	1 1	1 1	15,374	744,568	616,628	1 1	8 0	1,376,570	1 1	1,376,570
Alberta	1 1 1	1 1 1	1 1 1	1 1 1	3,443,206	1,837,642	94,713	3,443,206		3,443,206
Totals	1	88,254	395,109	4,541,134	14,944,455	1,837,642	7	21,901,307	15,872,825	37,774,132
-1 -1										
District I	1 1	6 6	60,225	106,822	2,467,573	1 1	1 1	2,574,395	1 1	2,574,395
Λ	1 1	1 1	1 1		1,238,183	327,081	8 8	1,238,183	1 1	1,238,183
Totals	1	1	60,225	2,860,536	15,838,897	327,081	1	19,086,739	1	19,086,739
Inventories Opening - Field and plant	1,468	1	62,809	470,000	1,952,472	82,819	48,455	2.623.023		2.623.023
Closing - Field and plant	1,579	1 1	52,782	4,768,878	27,923,691	1,162,380	57,439	33,907,731	359,835	34,267,566
Transporters	1		86,288	4,962,559	28,308,041	1,364,118	1	34,721,006	359,835	35,080,841
Net change	111	1	35,080	188,681	115,691	189,093	8,984	537,640	ı	537,6+0
Deliveries to other purchasers	260	1	1	1	6,123	1	'	6,683	ı	6,683
Field and plant use	187	- 477	999 -	13,000	52,737 52,013 325,723	- 107,046	1 1 1	13,737 65,013 218,675	1 .30.1	13,737 65,013 220,023
Total disposition	858	88,731	489,748	7,603,351	31,296,639	2,246,770	103,697	41,829,794	15,874,179	57,703,973
Figures not appropriate or not applicable.	pplicable.									

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, July 1970

### Reproduced ### 1.00				1		
A, FIELD AND PROCESSING FLANTS Supply	No			Quebec	Ontario	Saskatchewan
Cross new production Supply	NO.			McI	F.	
Cross new production		A. FIELD AND PROCESSING PLANTS	1	1	1	
Cross new production		Supp1y				
Less field flored and works	1	and a state of the	8 763	9.565	1.287.006	4,708,833
### Reproduced	-		-	-	-	
Description Second Secon	3	Net new production (1 - 2)	8,763	9,565	1,287,006	3,765,853
Less injected and stored	4	Reproduced	-	-	-	-
Bisposition 163			-	-	-	-
Field disposition and uses	6	Net withdrawals	8,763	9,565	1,287,006	3,765,853
### Scattering system disposition and uses ### 12,444,477 ### Processing shrinkage ### 182,746 ### Other disposition and uses ### 190,448 ### Other disposition ### 190,448 ###		Disposition				
9 Processing plant disposition and uses: 9 Processing phrakage 9 Cher disposition and uses: 9 Cher disposition and uses: 10 Cher uses. 11 Adjustment 12 Deliveries of marketable gas 13 Total disposition 14 Agustment 15 Deliveries of marketable gas 16 E. GAS UTILITIES 16 E. GAS UTILITIES 17 Total disposition 18 Receipts of marketable gas 18 Flants 18 Flants 19 Flants 10 Cher uses. 10 Cher uses. 10 Cher uses. 11 Agustment 14 Agustment 15 E. GAS UTILITIES 16 E. GAS UTILITIES 17 Total disposition 18 Receipts of marketable gas 19 Flants 18 Flants 19 Flants 10 Cher receipts(1) 18 Total supply of marketable gas 19 Alberta 19 Al				-	-	
Processing shrinkage			-	-	-	44,427
10	9a	Processing shrinkage	~	-	-	,
11			-	-	-	59,675
Total disposition	11	Adjustment				0.000.0((
B. CAS UTILITIES Supply	12	Deliveries of marketable gas	8,600	9,565	1,287,006	2,982,900
Supply Receipts of marketable gas Plants Receipts of marketable gas Plants Receipts of marketable gas Plants Receipts from distributor storage Receipts from distributor from from from from from from from fr	13	Total disposition	8,763	9,565	1,287,006	3,765,853
		B. GAS UTILITIES				
Plants		Supply				
Plants	7 /.	Pagainta of marketable and				
Total (14a + 14b) S,600 9,565 1,287,006 2,982,966	14 14a		-	_	-	1,982,169
16 Receipts from distributor storage - - 531,952 - 17 Other receipts(1) - - - - 18 Total supply of marketable gas 8,600 9,565 1,818,958 2,982,966 Disposition Sales - -	14b	Fields	8,600	9,565	1,287,006	1,000,797
Imports	15	Total (14a + 14b)	8,600	9,565	1,287,006	2,982,966
Total supply of marketable gas	16	Receipts from distributor storage	-	-	531,952	-
Total supply of marketable gas (15 + 16 + 17 + 17a) Disposition	17		-	-	-	-
Disposition Sales	1/a	Other receipts(1)				
Sales British Columbia - -	18		8,600	9,565	1,818,958	2,982,966
Sales British Columbia - -		Dianasitian				
British Columbia						
Alberta		Sales				
Saskatchewan - - - - 2,441,872	19		-	-	-	-
Manitoba			-	-	-	2 441 872
23 Ontario			_	-	-	2,441,072
24	23		-	-	1,780,371	-
26 Total sales (19 to 25 inclusive)	24	Quebec	-	9,565	-	-
27 Exports	25	New Brunswick	4,672	-	-	-
Other deliveries(2)	26		4,672	9,565	1,780,371	2,441,872
Delivered to distributor storage - - - - - - - - -	27	Exports	-	-	-	-
Pipeline line pack fluctuation - - - 7,382 Pipeline fuel - 26,609 146,128 Pipeline losses etc. 3,928 - 11,978 - 646,450 Total disposition of marketable gas (26 to 32 inclusive) 8,600 9,565 1,818,958 2,982,966		Delivered to distribute started	-	-	-	1 0/8 708
31 Pipeline fuel		Pipeline line pack fluctuation				-, - ,
32 Pipeline losses etc	31	Pipeline fuel		_	26,609	146,128
32 inclusive)	32	Pipeline losses etc	3,928			- 646,450
	33		8,600	9,565	1,818,958	2,982,966
	(1)					

L.P.G. for gas enrichment, peak shaving or temporary supply.
 Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, July 1970

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	N
		Mcf.				14
159,589,180 4,727,346	22,757,001 801,208	97,090 95,998	188,457,438 6,567,532		188,457,438 6,567,532	
154,861,834	21,955,793	1,092	181,889,906		181,889,906	
18,012,817	532,991	-	18,545,808		18,545,808	
136,849,017	21,422,802	1,092	163,344,098		163,344,098	
685,708	885,590	-	1,877,052 719,981		1,877,052 719,981	
675,078 20,720,905 7,236,333 85,839 - 919,278 108,364,432	476 530,858 2,247,433 - 36,035 17,722,410	1,092	21,434,509 9,674,214 146,606 - 883,243 130,374,979		21,434,509 9,674,214 146,606 - 883,243 130,374,979]
136,849,017	21,422,802	1,092	163,344,098		163,344,098	
93,840,951 14,523,481	17,386,239 336,171	<u>-</u>	113,209,359 17,165,620		113,209,359 17,165,620	
108,364,432	17,722,410	-	130,374,979	-	130,374,979	
15,737 - 2,457	- 203,147	- - -	547,689 - 205,604	1,055,472	547,689 1,055,472 205,604	
108,382,626	17,925,557	-	131,128,272	1,055,472	132,183,744	
269,785 12,428,639 1,279,831 1,690,756 17,282,213 2,782,245	4,621,490 - - - - - -	- - - - -	4,891,275 12,428,639 3,721,703 1,690,756 19,062,584 2,791,810 4,672	2,386 - 1,053,028 - -	4,891,275 12,431,025 3,721,703 1,690,756 20,115,612 2,791,810 4,672	
35,733,469	4,621,490	-	44,591,439	1,055,414	45,646,853]
48,342,173 884,493 17,685,920 472,903 4,428,605 835,063	12,336,058 - - 22,617 724,384 221,008	- - - - -	60,678,231 884,493 18,734,718 488,138 5,325,726 425,527	- - - - - - 58	60,678,231 884,493 18,734,718 488,138 5,325,726 425,585	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
108,382,626	17,925,557		131,128,272	1,055,472	132,183,744	



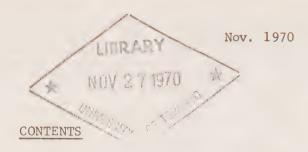
RVICE BULLETIN

ENERGY STATISTICS

For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5, No. 86



1. Electricity Bills for Domestic, Commercial and Small Power Services 1969, Catalogue No. 57-203

The 1969 Electricity Bills Report which will be released in about 3 months is based on rate schedules supplied by the power companies and municipalities responsible for the distribution of electric energy in 173 Canadian municipalities. It consists of the actual cost to consumers of definite quantities of electricity for specific uses. The cost to the consumers includes not only the amounts accruing to the distributor but also all federal, provincial and municipal taxes on such purchases. Discounts for prompt payment have been deducted from gross bills wherever granted.

Changes in Bills During 1969

There were no changes in domestic, commercial or power bills in Newfoundland, Prince Edward Island, Manitoba or British Columbia. Changes in the other provinces were generally upward.

A provincial health tax calculated on a sliding scale was responsible for the increase in Nova Scotia.

In New Brunswick, 5 of the 11 municipalities in the survey experienced reductions in the domestic category, and 2 had no changes. Rates fluctuated in the balance of the municipalities with Saint John showing a marked decrease in the cost of house heating. Commercial rates in Bathurst show an increase, while in Fredericton there was a decrease in commercial rates and a mixture of higher and lower bills in the power category. Commercial rates in the 8 municipalities served by the New Brunswick Electric Power Commission are now standardized as are rates in the power category.

The only change in Quebec was a marked increase in the power rates for the city of Grand'mère.

There were increases in domestic service bills in 12 of the 58 municipalities in Ontario. The rate structures in 6 other municipalities were revised in such a manner that both increases and decreases resulted within each municipality, while North Bay showed a decrease in house heating rates. Changes in commercial (general service) rates were noted in 18 municipalities. Five showed a mixture of higher and lower bills depending on billed loads and energy consumption, while one municipality showed a decrease within its rate structure. The remaining 12 revised their rates upward. Power also showed an increase of rates in 13 municipalities while a mixture of higher and lower bills occurred as a result of rate changes in 4 municipalities.

An across the board increase in Saskatchewan was the result of a 1% increase in provincial taxes.

The only change in Alberta was an increase in commercial and power rates in Medicine Hat.

2. Preliminary Electric Energy Statistics, September 1970 Catalogue No. 57-001

Net generation in September 1970 rose 4.8% to 15,758,604 thousand kwh. from 15,030,667 thousand kwh. in September 1969. Increases in net generation occurred in all provinces except Newfoundland, British Columbia and Northwest Territories where there were decreases of 1.3%, 23.9% and 0.5% respectively. Again labour disputes in several large industries in British Columbia were responsible for the decline in electricity consumption and thus in generation in that province. The largest increases in generation occurred in Prince Edward Island and Yukon Territory where they amounted to 15.3% and 59.4% respectively. Hydro generation increased 1.8% in September over the same period last year, while thermal generation increased 15.1%.

Imports increased 51.9% and exports increased 19.4% compared with September 1969. Firm energy consumption increased 4.2%.

Total generation for the twelve month period ending September 30, 1970 amounted to 200,606,660 thousand kwh. compared with 199,878,723r thousand kwh. for the twelve month period ending August 31, 1970.

Seasonally adjusted net generation in September 1970 amounted to 17,695 million kwh. compared with 17,436 million kwh. in August and 17,276 million kwh. in July. Firm energy consumption amounted to 17,235 million kwh. on a seasonally adjusted basis. The comparable figures for August and July were 16,784 million kwh. and 16,689 million kwh. respectively.

Preliminary Electric Energy Statistics (thousand Kwh)

		September	
	1968	1969	1970
Net generation - Hydro	10,348,752	11,603,768	11,815,631
Thermal	3,320,569	3,426,899	3,942,973
Total net generation	13,669,321	15,030,667	15,758,604
Energy imported from U.S.A	347,934	166,866	253,522
Energy exported to U.S.A.:			
Firm	58,499	67,309	67,103
Secondary	215,844	440,489	539,380
Total exported to U.S.A	274,343	507,798	606,483
Net energy used in Canada	13,742,912	14,689,735	15,405,643
Secondary energy used in Canada	198,283	104,799	208,001
Firm energy used in Canada	13,544,629	14,584,936	15,197,642

3. Natural Gas Pipe Line Mileage, 1969, Catalogue No. 57-205

Total mileage of all natural gas pipe lines in service in 1969, including lines operated by producing and gas processing companies amounted to 56,623.4 miles, up 4,224.1 miles (8.1 per cent) from the previous year. Mileage of gas gathering systems totalled 6,515.7 miles (up 10.4 per cent), transmission systems 17,928.0 miles (up 8.4 per cent) and distribution systems 32,179.7 miles (up 7.4 per cent).

GAS UTILITIES

TABLE 1. Natural Gas Pipe Line Mileage by Province, as at December 31, 1962-69(1)

		T .			I		ı	
	1962	1963	1964	1965	1966	1967	1968	1969
				mi1	es			
Gathering								
New Brunswick	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
Quebec	-	-	-	-	-	1.3	1.3	1.3
Ontario	1,314.6	1,048.9	1,042.5	1,101.6	1,166.6	1,163.0	1,142.1	1,192.5
Saskatchewan	297.5	308.5	388.8	559.4 3,119.9	683.5	714.2 2,978.9	794.1 3,350.3 ^r	805.0 3,843.0
British Columbia	409.1	409.0	409.1	418.4	484.5	512.6	610.3	667.5
Totals	4,567.6	4,692.4	4,917.5	5,205.7	5,319.4	5,376.4	5,904.5°	6,515.7
Transmission								
New Brunswick	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
QuebecOntario	25.0 3,140.7	25.0 3,265.1	25.0 3,365.4	25.0 3,389.9	112.2	120.7 3,558.4	147.7 3,518.0	147.7 3,612.4
Manitoba	496.0	631.1	731.4	919.3	956.4	1,021.9	1,145.5	1,226.7 4,503.5
Alberta	4,293.1	4,310.5	4,775.5	5,019.3	5,165.0	5,327.3	5,620.0	6,053.8
British Columbia	1,310.4	1,311.5	1,319.0	1,551.0	1,579.5	1,660.3	1,758.4	2,370.5
Totals	11,844.6	12,388.4	13,310.7	14,206.1	14,934.5	15,613.4	16,535.2	17,928.0
Distribution								
New Brunswick	32.3	32.4	32.5	32.4	32.4	32.4	32.4	32.4
Quebec Ontario	1,143.9	1,202.5	1,262.7	1,295.4	1,360.7	1,417.0 13,737.2	1,487.5	1,571.9 15,058.4
Manitoba	946.5	1,117.1	1,178.6	1,354.3	1,343.5	1,443.1	1,521.6	1,665.3
Saskatchewan	1,425.0	1,535.9 3,224.2	1,636.5	1,740.3	1,788.6	1,913.6 4,295.4	2,030.6 5,780.6 ^r	2,126.2 6,721.2
Alberta British Columbia	3,427.5	3,646.7	3,843.3	4,052.5	4,264.4	4,466.1	4,610.2	5,004.3
Totals	20,939.7	22,459.1	23,633.6	24,661.1	25,728.1	27,304.8	29,959.6 ^r	32,179.7
Totals								
New Brunswick	52.1	52.2	52.3	52.2	52.2	52.2	52.2	52.2
Quebec	1,168.9	1,227.5	1,287.7	1,320.4	1,472.9	1,539.0 18,458.6	1,636.5	1,720.9 19,863.3
Ontario	15,320.2	1,748.2	1,910.0	2,273.6	2,299.9	2,465.0	2,667.1	2,892.0
Saskatchewan	4,288.5	4,676.2	5,106.3	5,587.9	6,100.9	6,539.2	7,156.9 14,750.9 ^r	7,434.7 16,618.0
Alberta British Columbia	9,932.7 5,147.0	10,454.3 5,367.2	5,571.4	6,021.9	6,328.4	6,639.0	6,978.9	8,042.3
Totals	37,351.9	39,539.9	41,861.8	44,072.9	45,982.0	48,294.6	52,399.3 ^r	56,623.4
(1) Includes pipe line r Revised figures.	mileage o	f producin	g and proc	essing com	panies.			

TABLE 2. Gas Pipe Line Mileage by Size of Pipe and Province, as at December 31, 1969

		Т	otal natur	al gas inc	dustries(1)		
				1	pe in inch	21 and	
	0-2.9	3-5.9	6-8.9	9-12.9	13-20.9	over	Total
Gathering:		1	1	miles	1		ì
New Brunswick	6.4	_	-	_	-	_	6.4
Quebec	-	0.5	0.8		-	_	1.3
Ontario	781.6	270.6	99.8	17.2	20.1	3.2	1,192.5
Manitoba	66.7	306.2	320.7	73.8	32.8		005.0
Alberta	425.9	1,517.6	1,410.2	345.8	131.4	4.8	805.0
British Columbia	47.9	222.1	79.4	161.1	71.5	85.5	667.5
Canada	1,328.5	2,317.0	1,910.9	597.9	255.8	105.6	6,515.7
Transmission:							
New Brunswick	_	4.2	0.2	9.0	· · ·	-	13.4
Quebec	01.6	0.51.0	65.4	23.2	59.1	1 000	147.7
Ontario	91.6	251.2	697.7	513.8	485.2	1,572.9	3,612.4
Manitoba Saskatchewan	32.7 867.3	274.3 816.9	153.2	29.9	12.5	724.1	1,226.7
Alberta	434.0	972.2	671.5	695.8	425.7	1,026.3 1,373.2	4,503.5
British Columbia	77.4	325.6	313.1	543.2	6.2	1,105.0	6,053.8 2,370.5
Canada	1,503.0	2,644.4	2,934.9	2,976.8	2,067.4	5,801.5	17,928.0
Distribution:							
New Brunswick	6.3	14.0	11.1	1.0	_	_	32.4
Quebec	231.6	409.7	640.7	155.2	125.2	9.5	1,571.9
Ontario	7,297.8	4,246.1	2,656.8	703.2	107.6	46.9	15,058.4
Manitoba ,	1,220.1	272.0	125.6	26.1	21.5	-	1,665.3
Saskatchewan	1,420.1	478.9	175.4	34.6	17.2	_	2,126.2
Alberta	5,156.3	969.3	421.0	119.1	55.5	_	6,721.2
British Columbia	3,351.3	1,029.4	365.2	104.4	102.0	52.0	5,004.3
Canada	18,683.5	7,419.4	4,395.8	1,143.6	429.0	108.4	32,179.7
Grand totals	21,515.0	12,380.8	9,241.6	4,718.3	2,752.2	6,015.5	56,623.4
		Manufactur	ed and liqu	uefied pet	roleum gas	es systems	
		Ou	tside diame	eter of pi	pe in inch	es	
	0-2.9	3-5.9	6-8.9	9-12.9	13-20.9	21 and over	Total
				miles		OVCI	
Distribution:			1	{			
Quebec	2.9	52.7	67.2	10.5	2.7		136.0
British Columbia	142.1	82.1	14.7	4.3	-	-	243.2
Canada	145.0	134.8	81.9	14.8	2.7	-	379.2
Grand totals, all utilities	21 660 0	12 515 (0 333 5	/ 722 1	2.751.6	(0) 5 5	57 000
(1) Includes pipe mileage of pro	21,660.0		9,323.5	4,733.1	2,754.9	6,015.5	57,002.6

⁽¹⁾ Includes pipe mileage of producing, gathering, processing and utility companies. Some size categories include estimated figures.

RVICE BULLETIN

ENERGY STATISTICS

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Catalogue No. 57-002 Vol. 5, No. 87



CONTENTS

						Page
1.	Sales of Nat	ural Gas	, September	r 1970 Ca	talogue	
	No. 55-002					1
2.	Preliminary	Propane	Statistics	1967 and	1968	3

1. Sales of Natural Gas Catalogue No. 55-002 September 1970

Total sales of natural gas to Canadian consumers for September were 55,003,300 Mcf. This was an increase of 12.3% over the same month last year. Revenue from sales was \$30,461,964.

Sales for the first nine months of 1970 were 659,945,149 Mcf. This was an increase of 7.7% over the same period last year. Exports continued to rise over the period amounting to 566,309,870 Mcf., an increase of 16.0%, while imports were 7,999,933 Mcf., a decrease of 76.4%. Export Revenues were up 17.8%.

Sales of Natural Gas, September 1970

	Custome	Gas sold		
	Space heating	Total	Gas sold	Revenue
	No.		Mcf.	\$
Residential:				
New Brunswick	130	1,567	1,657	5,547
Quebec Ontario	104,770	200,290	516,278	1,156,081
Manitoba	589,504 113,170	727,896 115,230	2,260,284	3,259,877
Saskatchewan	122,686	125,171	469,634	519,302 616,369
Alberta	277,251	279,707	1,749,137	1,353,544
British Columbia	187,304	217,295	1,332,436	1,771,817
Canada	1,394,815	1,667,156	6,781,734	8,682,537
Commercial:				
New Brunswick		55	1,756	3,912
Quebec		9,860	302,571	338,169
Ontario	1	69,045	3,309,854	2,857,414
Manitoba		11,217	326,245	247,600
Saskatchewan		17,116	290,347	209,818
Alberta		31,387	2,127,151	840,119
Canada		28,406 167,086	807,253 7,165,177	757,712 5,254,744
Industrial:				
New Brunswick		-	_	_
Quebec		1,917	2,724,377	1,329,090
Ontario		8,618	17,523,545	8,970,859
Manitoba		329	1,541,680	455,700
Saskatchewan		654	3,345,405	931,116
Alberta		1,212	9,374,066	1,831,360
British Columbia		388	6,547,316	3,006,558
Canada		13,118	41,056,389	16,524,683
Firm		12,382	31,840,809	12,875,910
Interruptible		736	9,215,580	3,648,773
Total sales:				
New Brunswick		1,622	3,413	9,459
Quebec		212,067	3,543,226	2,823,340
Ontario		805,559	23,093,683	15,088,150
Manitoba		126,776	2,320,233	1,222,602
Saskatchewan		142,941	4,105,386	1,757,303
British Columbia		312,306	13,250,354	4,025,023
Canada	• • • • • • • • • • • • • •	246,089 1,847,360	8,687,005 55,003,300	5,536,087 30,461,964
Total exports			59,869,062	15,358,916

2. Preliminary Propane Statistics 1967 and 1968

In 1968, production of propane increased to 20,652,295 barrels, 10.4% up on 1967. Nearly all the increase in supply came from Alberta's gas processing plants and was partly sparked by a buoyant demand from United States which climbed to 4,477,729 barrels an increase of 9.4% over 1967.

Propane sales to distributors in Canada rose to 10,386,632 barrels, up 1,245,501 barrels over the previous year's total. Most of this propane was sold for residential and commercial purposes.

	Cana	dian Propa	ne Supply a	nd Dispositio	on			
	Atlantic	()uebec	Ontario	Manitoba and Saskat- chewan	Alberta	British Columbia	Northwest Terri- tories and Yukon	Canada
			1	bar	rels			A
Year 1967								
to management of the control of the								
Supply								
Refinery production	451,382	-	1,722,661	297,647 885,292	1,071 12,809,050	326,246(3) 413,058	-	4,601,093 14,107,400
Imports Interprovincial "IN" Inventory change	16,096 726	4,348 609,355 (38,094)	1,233,962 43,591	1,199,266 (124,519)	132 24,172 (451,133)	478,703 (3,183)	45,938	4,480 (572,612)
Total	468,204	2,377,695	3,000,214	2,257,686	12,383,292	1,214,824	45,938	18,140,361
Disposition					,			
Plant and refinery use	-	131,481	43,700	28,817	17,464	5,430	- to	226,892
Miscible flood	_	-	-	_	30,344		-	30,344 16,718
Petrochemical and Industrial(2) Distributors	537 435,858	410,346	723,492 2,244,858	1 566 022	1,381,584	28,518	-	2,544,477
Exports	433,030	1,000,423	2,244,030	1,566,033	2,038,398	1,004,623	45,938	9,141,131
District I District II	-	_	574	505,836	118,069 2,546,083	-	-	118,643
District IV	-	-	-	505,050	183,373	-	-	3,051,919 183,373
District V	-	_	_	-	727,915	12,062 105,178	-	739,977
Losses or gains	(1,101)			3,895	15,094	1,878	-	2,218,899 (1,930)
Adjustments Interprovincial "OUT"	304	(50,326) 82,620	(20,835) 28,272	31,702 121,403	(100,350) 3,294,879	9,423 47,712	-	(130,082)
Total	468,204	2,377,695	3,000,214	2,257,686	12,383,292	1,214,824	45 ,9 38	18,140,361
Year 1968			:					
Supply								
Refinery production	346,290 - 49,189	1,843,834	2,004,323	270,583 942,834	L4,511,833	331,798(3) 400,800	-	4,796,828 15,855,467
Interprovincial "IN"	110,396	11,410 749,983	2,025,579	1,102,243	16,585	553,264	56,417	60,599
Inventory change	(594)	(8,995)	28,272	(34,945)	(345,365)	12,804	-	(348,823)
Total	505,281	2,596,232	4,058,174	2,280,715	14,183,053	1,298,666	56,417	20,364,071
Disposition								
Plant and refinery use	_	195,110	28,142	25,494	21,878	74,935	ate	345,559
Gas enrichment	-	6-	-	-	52,488	-	-	52,488
Petrochemical and Industrial(2)	28,443	1	1,189,151	_	259,249	28,823	-	259,249 2,869,276
Distributors Exports:	429,228	2,153,908	3,075,385	1,490,142	2,095,153	1,086,399		10,386,632
District I	-	-	204	No.	295,699	_		295,903
District II	-	-	-	621,636	1,987,294	-	-	2,608,930
District V	-	-	-	10 m	456,262	9,190	en en	456,262
OffshoreLosses or gains	1,846	2,475	(128 032)	- 007	2,088,853	50,894		2,139,747
Adjustments	2,699	(68,126)	(128,932) (140,493)	5,927 13,287	139,268 (1,587)	103 6,924	-	20,687 (187,296)
Interprovincial "OUT"	43,065	106,248	34,717	124,229	4,264,810	41,398	-	
Total	505,281	2,596,232	4,058,174	2,280,715	14,183,053	1,298,666	56,417	20,364,071
(1) Excludes returned to formation.								

⁽¹⁾ Excludes returned to formation.

 ⁽²⁾ Identifiable industrial sales have been allocated to this category. Distributor sales may contain sales to industrial.
 (3) This figure diverges from British Columbia propane refinery production shown in DBS Catalogue number 45-204, Refined Petroleum Products, because of a different concept used in calculating refinery production in 1968 and prior years.

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Catalogue No. 57-002 Vol. 5, No. 88



Nov. 1970



Preliminary(1) Report on Coal Production

October 1970

Preliminary data indicate that coal production for the month of October 1970 amounted to 1,649,618 tons, an increase of 53.6% from the October 1969 preliminary production figure of 1,074,261^r tons. Landed imports were 2,048,374 tons compared with 1,892,414^r tons for the same period last year.

⁽¹⁾ Advanced publication of data included in Monthly publication No. 45-002 Coal and Coke Statistics.

Production and Landed Imports of Coal, by Provinces

	1			
	196	9	19	70
	Production(2)	Landed imports(1)	Production(2)	Landed imports(1)
		net tons of 2	,000 pounds	
October Newfoundland		-	_	961
Nova Scotia	218,388 63,749 ^r	53,975 645 129,170	192,324 40,079	50,565 226 80,080
Ontario	236,656	1,708,200 ¹ 307 -	487,348	1,916,427 32 53
Sub-bituminous British Columbia and Yukon	124,485 339,079 91,904	117	298,567 333,150 298,150	30
Canada totals	1,074,261 ^r	1,892,414 ^r	1,649,618	2,048,374
Ten months ended October				
Newfoundland Nova Scotia New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta - Bituminous Sub-bituminous British Columbia and Yukon	2,262,236 601,501 ^r - - 1,543,897 1,002,055 2,491,301 784,514 ^r	6,371 483,247 1,509 735,423 12,909,210 ^T 4,533 1,153 - - 538	1,789,606 325,018 - - 2,718,650 2,167,325 3,049,113 2,477,547	2,310 325,727 1,425 545,639 14,599,353 2,979 1,297
Canada totals	8,685,504 ^r	14,141,984 ^r	12,527,259	15,478,804

⁽¹⁾ Supplied by the Department of Energy, Mines, and Resources do not necessarily agree with figures reported in Trade of Canada.

(2) All figures are preliminary.

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Catalogue No. 57-002 Vol. 5, No. 89



Nov. 1970

CONTENTS

		rage
1.	Preliminary Data "Refined Petroleum Products", September 1970	1
2.	Oil Pipe Line Transport, September 1970 Catalogue No. 55-001	5
3.	Principal Statistics for the Crude Petroleum and Natural Gas Industry (S.I.C. 064) 1968, by Province	7

1. Preliminary Data " Refined Petroleum Products"

Production of refined petroleum products increased 10.0% in September to 39,299,558 barrels from 35,679,553 in the same month last year, according to an advance release of data that will be contained in the September issue of the DBS report "Refined Petroleum Products."

Receipts of crude oil increased 13.1% in September to 41,195,063 barrels from 36,410,731 a year earlier. There was 9.4% more domestic crude at 22,116,183 barrels versus 20,214,863 and, 17.8% more imported crude at 19,078,880 barrels versus 16,195,868. Domestic disappearance of finished petroleum products increased 12.5% to 45,994,731 barrels from 40,867,298 in the same month last year.

NET SALES in Canada of Selected Petroleum Products, September $1970^{\rm P}$

					Fuel oil			Total all	products
	Motor	Aviation turbo fuel	Kerosene stove oil	Diesel	Light	Heavy	Total all products	Cumulative 1970P	Cumulative 1969
				barrels	of 35 Canadian	gallons			
Newfoundland	223,182	84,101	78,245	277,787	142,939	498,320	1,375,519	11,439,871	9,683,072
Maritimes	912,354	69,735	182,649	407,759	534,598	1,577,573	4,042,817	35,742,222	31,198,799
Quebec	3,694,028	525,627	359,727	729,396	3,009,469	4,493,912	14,400,676	116,290,181	108,814,585
Ontario	5,223,071	448,318	228,908	1,087,961	1,770,086	3,123,562	14,027,714	. 119,231,009	110,864,580
Manitoba	782,007	102,866	41,769	288,545	42,812	37,931	1,448,877	12,539,771	12,336,039
Saskatchewan	1,183,978	34,487	70,114	400,223	88,179	29,908	2,084,671	14,403,605	14,380,935
Alberta	1,679,408	160,339	23,950	577,322	43,055	. 52,946	3,003,429	22,075,067	21,078,024
British Columbia	1,536,540	169,356	629,646	659,277	287,291	565,968	3,713,505	33,428,159	34,550,289
North West Territories and Yukon	37,763	27,736	5,175	204,220	26,745	5,513	323,700	1,836,420	1,434,291
Canada totals	15,272,331	1,622,565	1,090,216	4,632,490	5,945,174	10,385,633	44,420,908	. !	0
Canada cumulative 1970	124,129,359	12,735,500	12,379,968	35,218,925	68,924,634	78,079,850	ē	366,986,305	8
Canada cumulative 1969	118,278,347	11,234,978	12,223,012	33,924,431	63,709,079	73,073,915	ı	g	344,340,614
P All data contained herein, except for 1969 cumulative, are preliminary.	for 1969 cumula	itive, are prel	iminary.	-					

Refinery Production in Canada of Selected Petroleum Products, September $1970^{\rm p}$

gas gas Newfoundland	1040	4	;		ruer orr			Total all	products
	motor gasoline	Aviation turbo fuel	Kerosene stove oil	Diesel	Light	Heavy	Total all products	Cumulative 1970P	Cumulative 1969
				barrels	of 35 Canadian	gallons			
	(1)	(1)	(1)	1	(1)	(1)	(1)	(1)	(1)
Maritimes	1,163,174	83,221	172,249	(2)	804,245	1,227,219	4,253,689	36,584,191	34,582,719
Quebec	3,452,727	506,597	393,829	1,609,853	2,045,308	2,637,697	12,600,050	115,210,306	104,835,691
Ontario 4,	4,428,431	407,922	439,484	1,145,623	1,995,324	1,733,141	11,527,529	99,411,458	92,949,600
Manitoba	604,364	105,679	109,785	161,981	93,105	89,351	1,381,008	11,243,339	11,254,358
Saskatchewan	937,673	45,757	142,792	314,729	208,888	118,890	2,115,596	17,132,964	18,009,166
Alberta	1,700,694	184,051	369,129	609,150	15,012	118,078	3,592,748	30,201,688	30,047,421
British Columbia	1,512,340	173,818	200,880	930,027	660,06	403,917	3,742,368	32,298,791	28,660,677
North West Territories and Yukon	12,674	4,842		29,223	3,599	262	86,570	728,983	620,883
Canada totals13,6	13,812,077	1,511,887	1,828,148	4,800,586	5,255,580	6,328,555	39, 299, 558	ř	,
Canada cumulative 1970 120,0	120,080,082	10,910,863	15,267,767	40,963,347	52,993,000	60,807,881	ŧ	342,811,720	8
Canada cumulative 1969	114,765,552	8,321,139	14,322,284	37,419,182	50,319,220	56,671,611	1	4	320,960,515

IMPORTS into Canada of Selected Petroleum Products, September 1970P

	Motor	Kerosene		Fuel oil		Total all
	gasoline	stove oil	Diesel	Light	Heavy	products
		barre	1s of 35 C	anadian gal	lons	
Maritimes	-	- .	-	391,743	500,370	966,254
Quebec	600,704	43,594		1,050,063	1,433,307	3,624,317
Ontario	-	-	-	130,000	481,364	1,082,807
All other	-	ngs .	133,894	~	237,865	395,157
Canada total	600,704	43,594	133,894	1,571,806	2,652,906	6,068,535

EXPORTS* of Selected Petroleum Products, September 1970P

	Motor	Kerosene		Fuel oil		Total all	
	gasoline	stove oil	Diesel	Light	Heavy	products	
		barre	1s of 35 C	anadian gal	lons		
Maritimes	-			_	_	_	
Quebec	-	-	40,432	-	25,333	121,212	
Ontario	-	573	213	42,044	21,515	131,578	
Saskatchewan	-	-	-	-	-	6,482	
Alberta	-	-	nge .	-	-	28,880	
British Columbia	51,951	-	66,673	39,284	-	172,874	
Canada total	51,951	573	107,318	81,328	46,848	461,026	

^{*} Only those made by respondents to the refined Petroleum Products survey. P Preliminary figures.

2. Oil Pipe line Transport, September, 1970, Cat. No. 55-001

Net receipts of crude oil, condensate, pentanes plus and refined petroleum products by Canadian oil pipe lines during September increased 12.7 per cent to 2,108,200 B/D from 1,870,900 B/D for the same period of the preceding year; domestic oils amounted to 1,685,600 B/D (up 14.8 per cent) and imported oils were 422,600 B/D (up 4.8 per cent).

Net deliveries of crude oil, condensate, pentanes plus and refined petroleum products during the month rose 10.4 per cent to 2,077,400 B/D from 1,881,700 B/D last year. Included in the month's deliveries were 1,411,400 B/D to domestic points (up 10.5 per cent) and 666,000 B/D for export (up 10.2 per cent).

For the nine-month period, net receipts of all commodities were 2,034,000 B/D, an increase of 11.9 per cent over the same period of 1969; deliveries rose 12.2 per cent, to 2,035,700 B/D. The imports by pipe line for the period increased to 423,300 B/D while the exports of the same commodities rose to 670,800 B/D, increases of 9.6 per cent and 21.3 per cent, respectively.

Total traffic for September amounted to 29,969 million barrel miles with an average length of haul of 480.9 miles.

Oil held by Canadian pipe line systems totalled 24,779,302 barrels by the end of September. Inventories of crude oil and equivalent held in Canada increased by 941,091 barrels. Inventories of crude oil and equivalent held in the United States decreased by 176,621 barrels, resulting in an increase of 764,470 barrels in inventory in Canada and the United States.

Oil Pipe Line Supply and Disposition

		Septembe	er 1970		Year to d	ate 1970
Supply and disposition	Crude oil and equiva- lent	Refined petroleum products and L.P.G.'S.	Total volume	% change from September 1969	Total volume	% change from previous year
			'000 barre	ls per day		
Net receipts						
Domestic	1,413.8 420.1	271.8 2.5	1,685.6 422.6	+ 14.8 + 4.8	1,610.7 423.3	+ 12.6 + 9.6
Total net receipts	1,833.9	274.3	2,108.2	+ 12.7	2,034.0	+ 11.9
Net deliveries						
Domestic	1,152.1 655.7	259.3 10.3	1,411.4 666.0	+ 10.5 + 10.2	1,364.9 670.8	+ 8.2 + 21.3
Total net deliveries	1,807.8	269.6	2,077.4	+ 10.4	2,035.7	+ 12.2
Inventory change (barrels)	764,470	161,309	925,779	-	- 593,196	-

3. Principal Statistics for the Crude Petroleum and Natural Gas Industry (S.I.C. 064) 1968, by Province

Statistics for the crude petroleum and natural gas industry will be published in Catalogue 26-213 "The Crude Petroleum and Natural Gas Industry, 1968". This publication contains data on production, value added, salaries and wages, employment, operating and capital expenditures.

In 1968 the value of marketable production of the Crude Petroleum and Natural Gas Industry, excluding synthetic crude oil, amounted to \$1,360,252,000, an increase of 10.6% over 1967; total value added for the industry was \$1,312,414,000, up 10.3%; salaries and wages amounted to \$123,412,000, up 10.3%; number of employees increased to 13,611, up 3.8%. Alberta had 89.0% of the total employees, due in part to a large number of companies maintaining head offices in Alberta. Operating expenditures rose from \$626,664,000 in 1967 to \$724,895,000 in 1968, up 15.7%, while capital expenditures increased 1.6% from \$548,850,000 to \$557,557,000 during the same period.

Principal Statistics(1) for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), by Province - 1963-68

Basis: Revised Standard Industrial Classification and New Establishment Concept

Year and province 1963	Estab- lish- ments	Produ	Production and	pu	4000				Working	owners			
Year and province 1963	stab- ish- ents	Produ	iction ar	pu					Working				
province 1963	ents	relat	related workers	ers) t	Cost of	Value of	6.00	and pa		Emp 1.	Employees	
.s		Number	Man- hours paid	Wages	elec- tricity	supplies and fuel	marketable	added	Number	With- drawals	Number	Salaries and wages	added
(O) (E)	No.		000,			\$,000				\$,000		\$,000	00
	624	3,378	7,075	19,280	13,334	21,331	818,457	783,792	•	ł	11,237	76,012	796,444
CTD101	049	3,302	7,236	18,884	13,531	22,171	903,573	867,871	ě	ı	11,242	77,306	880,828
1965 Totals	675	3,262	7,050	19,689	14,080	23,724	978,135	940,331	1	ŧ	11,817	84,687	952,409
1966 Totals	879	3,375	7,026	21,914	12,952	29,159	1,092,535	1,050,424	1	1	12,378	95,997	1,059,395
1967													
Newfoundland	,	1	1	,	ı	1	t	1	1	,	f	1	,
Prince Edward Island	ı	ı	1	4	ŧ	t	1	í	1	1	1	8	8 1
Nova Scotla	. 6	9	12	23	1 [12	100	000			9	23	80
Quebec	10		1	}	4	1 1	500	6	1	1	9		
Ontario	76	163	345	966	127	137	8,955	8,691	1		261	1,902	8,820
Manitoba	163	537	1 185	3 680	286	295	220 292	209.417			996	7,555	209,259
Alberta	233	2,558	5,332	18,977	7,800	24,380	913,519	881,339	+	1	11,274	97,388	887,609
British Columbia	105	232	787	1,879	ŧ	1,916	71,925	70,009		1	200	067,4	10,73
Islands,	89	11	20	101	ŧ	107	888	781	ł	3	12	114	252.
f Shore and Hudson Bay	745	3,551	7,472	25,949	13,453	32,415	1,229,686	1,183,818	1 1		13,113	111,855	(382) 1,189,867
1968													
	-												
Newloundland	!	1 1	1 1	f I	1	1 1	1 1	1 1			1 1	F, t	1 0
Nova Scotia	1	1	1	,	1	,	,	1	,	1	,	1	1
ınswic	12	9	13	24	,	10	106	96		1	9	24	103
Quebec	11	1 4	1	1	ı	2	20	18		ı	17	147	. 12
Ontario	00 0	127	266	920	105	133	7,766	7,528		1	202	1,731	7,550
Manitoba	165	482	1 064	3 519	677	345	15,5/0	207, 588	1	1	755	6 025	14,991
Alberta	245	2,542	5,513	20,673	9.070	28,051	_	1.002,400	1	,	12,120	111,149	1.007.380
British Columbia	115	246	504	2,124	3	2,228	79,	77,486		1	376	3,277	77,705
	66	26	56	243	ŧ	.42	925	883	,	,	777	375	799
Off Shore - East Coast	14	-	r-l	50	ı	ı	1	1	1	1	\†	33	(277)
Hudson Bay	ي لا	ı	1 (1	1	1	ı	1	,	ı	1 0	1,20	S:
Totals	814	3.467	7.471	27.765	14.973	37.284	1.360.252	1 307 995	1 1	1 1	13 011	133 -13	1 - 1

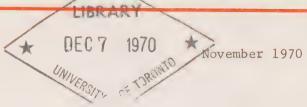
8 -

(1) Excludes establishments engaged in synthetic crude oil operations. -- Amount to small to be expressed.

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\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5, No. 90



Retail Gasoline Statistics by Metropolitan Area, 3rd Quarter 1970

Retail sales of gasoline in Canada's major metropolitan areas for the third quarter of 1970 increased 3.3 per cent to 441.9 million gallons from 427.8 million gallons in the third quarter of 1969. This amount was dispensed through 7,164 outlets in 1970 of which 6,004 were refiners' and 1,160 outlets were non-refiners'.

According to estimated vehicle registration statistics, passenger cars per service station in the eight metropolitan areas averaged 410. The Toronto-Hamilton area had an average of 497 passenger cars per service station followed by Ottawa-Hull with 442, Vancouver 403, Winnipeg and Edmonton 387, Calgary 386, Regina 363 and Montreal 338.

Population per car in these metropolitan areas is estimated at 3.0. This compares favourably with the Canada figure of 3.3. The cities of Toronto-Hamilton, Calgary and Vancouver had a population per car of 2.6 followed by Ottawa-Hull, Regina, Edmonton, Winnipeg and Montreal with the last area registering a ratio of 3.6 persons per car.

During the third quarter of 1970, gasoline sold through retail pump outlets in the metropolitan areas averaged 133 gallons per vehicle. Winnipeg showed 148 gallons; Calgary 147; Regina 146; Montreal 143; Edmonton 138; Vancouver 125; Ottawa-Hull and Toronto-Hamilton 124.

Retail Gasoline Statistics by Metropolitan Area, 3rd Quarter 1970

Total		6,004	7,164	361,676 80,223 441,899
Vancouver		776	927	41,307 361,676 11,668 80,223 52,975 441,899
Calgary		342	380	20,703 5,386 26,089
Edmonton		352	395	21,370 4,429 25,799
Regina		115	138	7,421 1,368 8,789
Winnipeg		364	416	23,839 2,565 26,404
Toronto- Hamilton		1,863	2,176	121,565 28,444 150,009
Ottawa- Hull		351	677	20,015 7,007 27,022
Montreal		1,841	2,283	105,756 20,015 19,356 7,007 125,112 27,022
	Outlets	Number of refiners' outlets	Totals	Dispensed through refiners' outlets ('000) Dispensed through other outlets ('000) Totals ('000)

Population and number of vehicles for the eight Metropolitan Areas are as follows:

	Population* 1st June 1969	Passenger cars(1,2)*	Commercial vehicles(1)*
Montreal(3)	2,778,000	771,000	101,000
Ottawa-Hull(3)	537,000	198,400	20,100
Toronto-Hamilton(3)	2,920,000	1,082,000	132,100
Winnipeg	534,000	161,000	17,500
Regina	140,000	50,100	10,100
Calgary	375,000	146,600	29,000
Edmonton	437,000	152,800	36,100
Vancouver	980,000	373,000	52,000
Canada, total	21,061,000	6,387,400	1,593,400

1969 registrations.
 Taxis included.
 These areas are not identical with census metropolitan areas.

* Estimates.

Catalogue No. 57-002 Vol 5, No. 91



1. Coal and Coke Statistics, September 1970, Cat. No. 45-002

Coal production for the month of September 1970 amounted to 1,503,672 tons, an increase of 74.3% from the September 1969 production of 862,682 tons, while landed imports were 2,234,508 tons compared with 1,545,755 tons for the month of September 1969. Consumption by industrial consumers amounted to 1,349,124 tons of coal and 498,247 of coke, an increase of 176,654 tons of coal and 241,001 tons of coke from last year.

Industrial consumers' stocks of coal and coke increased to 7,038,305 tons from 6,760,254 tons in September 1969.

Coke production during the month of September 1970 increased to 462,690 tons from 250,406 tons in September 1969, while coke used in blast furnaces increased to 353,412 tons from 115,272 tons during the same period.

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Coal and Coke Statistics

September 1970

			Coal			Со	ke
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
				tons			
Newfoundland	-	-	-	-		-	_
Prince Edward Island	-	-	-	-	-	_	-
Nova Scotia	180,516	30,472	176,491	50,309	20,011	40,066	-
New Brunswick	30,067	203	38,867	26,157	46,779	-	-
Quebec	*	154,974	-	59,443	155,071	59,113	113,288
Ontario	-	2,048,761	-	744,516	6,065,916	391,464	144,196
Manitoba	6-	95	_	47,111	105,469	82	745
Saskatchewan	328,641	-	330,952	149,667	263,198		-
Alberta	614,354	-	514,930	261,911	73,483	373	293
British Columbia and Yukon	350,094	3	475,531	10,010	14,713	7,149	35,143
Total Canada 1970	1,503,672	2,234,508	1,536,771	1,349,124	6,744,640	498,247	293,665
Total Canada 1969	862,682	1,545,755	837,548	1,172,470	6,497,798	257,246	262,456

2. Indexes of Crude Oil and Natural gas Production valued at 1961 Base Year Prices

Because the two components of the crude petroleum and natural gas industry (code 064 of the Standard Industrial Classification) have been and are growing at substantially differing rates, it is felt that there is a need for a measurement, on a monthly basis, of the value of production of the two sectors separately. The tables following represent an attempt to fill this need. They are constant dollar indexes, using 1961 as the base year, of the value of production of crude petroleum on the one hand and natural gas on the other, each with and without seasonal adjustment, and adjusted for calender variation. This first release of data covers the period from 1961. All future monthly releases will up date these tables.

Crude Petroleum and Natural Gas

Without Seasonal Adjustment

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
1961	96.7	99.1	89.7	93.6	98.9	96.5	98.0	101.8	105.5	97.2	109.6	113.5	100.0
1962	122.2	125.4	120.9	106.3	109.1	102.8	108.5	112.7	116.4	114.3	114.6	120.9	114.5
1963	129.6	133.1	130.2	111.4	115.5	118.4	115.3	118.0	122.3	123.2	125.2	135.5	123.1
1964	139.2	142.1	136.0	121.4	129.0	130.1	127.4	125.7	129.9	131.0	138.8	146.8	133.1
1965	153.3	149.5	146.2	136.8	128.9	133.4	134.6	149.4	152.0	141.7	148.3	153.1	143.9
1966	149.7	154.7	151.1	146.8	143.4	145.9	150.4	149.4	147.2	147.9	164.4	167.0	151.5
1967	167.5	161.4	156.8	156.2	159.8	166.6	170.7	174.6	168.2	163.7	168.3	175.3	165.8
1968	176.1	184.3	183.7	171.3	165.5	170.8	179.5	185.5	183.3	179.7	187.5	200.0	180.6
1969	195.0	200.1	208.5	186.7	170.7	185.8	193.1	201.1	201.0	198.5	212. 7	225.4	198.2
1970	244.7	243.7	229.4	188.7	193.3	208.4	212.9	212.0	222.3				

Crude Petroleum

Without Seasonal Adjustment

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
1961	94.0	97.1	87.2	92.9	100.5	98.9	101.2	105.0	108.3	97.1	108.6	109.4	100.0
1962	117.5	119.7	116.5	102.5	106.7	100.1	107.0	111.1	114.0	110.0	108.4	113.5	110.6
1963	120.6	124.7	123.9	103.9	110.4	115.1	112.0	114.9	117.7	117.6	116.2	126.0	116.9
1964	128.6	131.5	126.2	110.6	122.2	125.3	122.0	119.3	123.2	122.8	128.4	132.0	124.3
1965	141.1	137.2	134.2	126.3	119.0	125.2	129.4	144.0	145.7	132.5	136.5	139.5	134.2
1966	137.8	145.3	142.3	139.7	137.9	142.4	148.6	147.3	144.2	140.1	154.9	157.2	144.8
1967	156.3	150.9	145.6	146.8	153.6	164.0	169.9	172.8	164.8	156.9	158.7	163.0	158.6
1968	162.5	173.7	173.2	161.5	157.4	164.5	175.8	181.1	177.9	169.7	173.6	184.8	171.3
1969	178.2	183.3	194.6	171.7	159.6	179.8	187.9	192.7	190.2	185.0	196.5	208.4	185.7
1970	228.1	227.7	211.6	167.2	177.1	197.7	203.4	201.8	210.8				

Natural Gas

Without Seasonal Adjustment

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
										00.0	116.0	3/0 6	100 1
1961	116.0	112.8	107.7	98.6	87.4	79.8	75.1	79.5	86.2	98.0	116.8	142.6	100.1
1962	155.5	166.1	151.6	133.5	126.3	121.7	119.2	124.4	133.9	145.2	158.0	172.8	142.3
1963	192.5	192.4	174.7	164.0	151.5	141.7	138.6	140.4	154.9	162.6	189.0	202.3	167.0
1964	214.0	216.9	205.1	197.4	176.6	164.3	165.0	170.8	176.7	188.2	212.1	251.4	194.9
1965	239.4	235.6	230.7	210.3	198.5	190.8	171.0	187.2	196.3	205.9	230.8	249.4	212.2
1966	233.5	220.8	213.3	196.8	181.9	170.6	163.0	164.2	168.6	202.9	231.0	236.4	198.6
1967	246.0	236.1	236.1	222.3	203.8	185.1	176.4	187.0	192.2	211.2	236.4	262.0	216.2
1968	271.6	259.2	257 .7	240.7	222.7	215.1	205.4	216.9	221.3	250.3	285.6	307.0	246.1
1969	313.7	318.5	306.1	292.5	249.1	228.1	229.8	260.1	276.8	294.2	326.8	345.6	286.8
1970	361.9	356.7	354.4	340.4	307.3	283.8	279.9	284.3	303.1				

Crude Petroleum and Natural Gas

With Seasonal Adjustment

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	•												
1961	89.3	90.6	84.6	100.1	102.3	100.2	103.3	104.7	106.5	99.8	110.8	109.5	100.2
1962	112.6	114.7	114.2	113.2	113.3	107.4	115.1	116.3	118.2	117.6	115.2	116.2	114.5
1963	119.3	121.9	123.6	117.8	120.5	123.6	121.9	121.3	124.5	126.8	125.3	129.6	123.0
1964	129.0	131.2	129.7	127.7	135.3	135.6	133.8	128.4	132.5	135.1	138.4	139.8	133.0
1965	143.3	139.0	140.1	143.2	135.8	139.0	139.7	150.9	155.0	146.6	147.3	145.8	143.8
1966	141.4	145.6	145.5	153.0	151.5	151.3	153.8	148.9	149.7	153.4	163.4	159.5	151.4
1967	160.2	152.8	150.7	161.8	170.0	172.6	172.8	172.9	170.8	170.2	167.4	167.1	165.8
1968	169.2	175.1	175.9	177.2	177.2	177.0	181.6	183.8	186.2	187.1	186.7	190.5	180.6
1969	187.9	189.6	198.7	192.9	183.8	192.3	195.2	199.7	204.7	206.7	212.1	214.8	198.2
1970	236.4	231.1	217.9	194.5	209.0	216.4	215.9	210.7	226.3				

Crude Petroleum

With Seasonal Adjustment

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
			+	i									
1961	88.6	90.1	83.0	100.8	103.4	101.1 }	104.9	105.9	107.7	99.0	110.7	107.6	100.2
1962	110.5	111.2	111.2	110.8	109.9	102.4	110.8	111.6	113.4	112.3	110.2	111.6	110.5
1963	113.7	116.2	118.8	111.8	114.3	117.6	115.3	114.7	117.3	120.3	117.6	123.3	116.8
1964	121.9	123.5	121.8	118.4	127.4	127.7	124.4	118.0	123.1	126.1	129.8	128.9	124.3
1965	135.0	129.8	130.3	134.3	124.7	127.4	130.2	141.1	145.7	136.7	137.7	135.9	134.1
1966	133.3	138.8	138.7	147.4	145.3	144.8	147.7	142.9	144.0	145.1	156.1	153.1	144.8
1967	153.2	145.0	141.8	154.0	163.0	166.8	167.0	166.7	164.2	163.2	160.0	158.6	158.6
1968	160.5	167.6	167.9	169.3	168.4	166.8	171.8	174.3	176.9	176.8	175.5	179.7	171.3
1969	176.7	176.8	187.7	180.2	171.8	182.1	183.0	185.4	189.1	192.7	199.0	202.6	185.6
1970	226.4	219.5	203.4	175.6	191.5	200.3	197.9	194.0	209.3				

Natural Gas

With Seasonal Adjustment

	Jan.	Feo.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
1961	94.5	94.1	96.2	95.7	94.9	93.9	92.3	96.1	98.3	105.1	111.9	122.8	99.6
1962	127.1	138.9	135.6	129.7	137.2	142.9	146.1	149.6	152.0	155.3	150.7	148.6	142.8
196}	158.7	162.1	156.9	159.9	164.3	165.7	168.7	167.6	174.7	172.7	178.9	174.0	167.0
1464	178.5	185.1	185.2	191.2	198	191.1	199.9	202.2	198.3	198.8	199.2	216.8	194.9
ryn)	_<1.5	263.8	209.1	_05.1	-15.7	_41.0	206.4	_19.6	220.1	216.2	215.6	215.5	212.4
. · · · · · · · · · · · · · · · · · · ·	198.0	193.1	195.4	142.5	195.6	196.8	197.1	191.2	189.7	212.0	215.0	204.5	198.2
. 5	209.4	207.8	_13.8	215.6	213.4	213.5	214.0	216.7	217.4	219.8	219.9	227.2	216.3
4, 5	231.1	5	232.8	101.1	219.8	248.5	25 . 7	250.9	251.4	260.0	265.9	266.9	246.6
. ","	255.6	250.0	_^~.3	_50	255.9	254.4	280.9	300.4	315.2	305.3	304.4	300.8	287.1
1970	307.3	313.1	31 3.7	3-7.7	332.6	329.6	342.6	327.9	345.6				

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Catalogue No. 57-002 Vol. 5, No. 92

December 1970

Crude Petroleum and Natural Gas Production, August 1970, Catalogue No. 26-006

According to preliminary data, the production of crude petroleum and equivalent hydrocarbons during August 1970 amounted to 41,493,210 barrels (1,338,491 barrels per day), an increase of 6.1 per cent or 76,865 barrels per day from August 1969.

Preliminary figures of natural gas net new production in August 1970 indicate an increase of 13.4 per cent to 190,726,742 Mcf. from 168,120,347 Mcf. in August 1969.





TABLE 1. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, August 1970

	New Brunswick	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
Supply					barrels of 35	Canadian gal	gallons			
Crude oil	076	89,250	493,946	7,858,398	26,948,098 468,067 250,017	2,124,100	108,031	37,622,763 468,067 250,017	: : :	37,622,763 468,067 250,017
Totals	076	89,250	493,946	7,858,398	27,166,148	2,124,100	108,031	37,840,813		37,840,813
Condensate	j t	1 1	1 1	36,832	48,302	7,835	1 1	56,137		56,137 3,596,260
Net withdrawals	076	89,250	493,946	7,895,230	30,708,188	2,197,625	108,031	41,493,210		41,493,210
Imports				:	:				17,958,981	17,958,981
Total supply	940	89,250	493,946	7,895,230	30,708,188	2,197,625	108,031	41,493,210	17,958,981	59,452,191
Disposition										
Deliveries to refineries Atlantic Provinces Quebec Ontario	1 1 1	- 89,250	505,033	3,584,861	6,856,301	1 1 1	1 1 1	-	4,162,688 13,716,501 81,068	4,162,688 13,716,501 11,116,513
Manitoba	1 1	1 1	16,037	778,409	604,236	1 1	1 (1,398,682	1 1	1,398,682 2,139,394
Alberta	t 1 t	1 1 1	t t	8 E	3,454,431	2,164,140	86,114	3,454,451 3,890,867 86,114	1 1 1	3,890,867
Totals	1	89,250	521,070	4,625,899	14,518,460	2,164,140	86,114	22,004,933	17,960,257	39,965,190
Exports to U.S.A. Petroleum Administration District I	()) (1 1 1 1	6,377	158,550	2,458,713 6,195,398 1,562,730 6,880,839	369,400	1 1 1 3	2,617,263 9,091,095 1,56.,730 7,250,239	1 1 1 1	2,617,263 9,091,095 1,562,730 7,250,239
Totals	t	1	6,377	3,047,870	17,097,680	369,400	i	20,521,327		20,521,327
Inventories Opening - Field and plant Transporters'	1,579	1 1 1	69,383	465	1,683,813 28,308,041 1,745,130	70,174 1,364,118	57,439	34,721,006		2,347,388 35,080,841 2,424,557
Transporters					27,454,423	1,096,463	21 917	33,782,721	359,835	34,142,556
Net change	751	\$	- 33,549	710,101	- /80,3UL	7/7	(1,71)	001,110		
Deliveries to other purchasers Pipeline fuel Field and plant use	568	1 1 1		11,300	890 12,014 65,377 - 197,932	279	\$ 1 t t	1,737 12,014 76,677 - 262,362	- 1,276	1,737 12,014 76,677 - 263,638
Total disposition	076	89,250	493,946	7,895,230	30,708,188	2,197,625	108,031	41,493,210	17,958,981	59,452,191

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TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, August 1970

No.		New Brunswick	Quebec	Ontario	Saskatchewan
210.0		•	Mcf	•	
	A. FIELD AND PROCESSING PLANTS				
	Supply				
1 2	Cross new production	8,729	10,796	1,058,837	4,487,31 976,74
3	Net new production (1 - 2)	8,729	10,796	1,058,837	3,510,569
4 5	Reproduced	-	-	-	-
6	Net withdrawals	8,729	10,796	1,058,837	3,510,56
	Disposition				
7 8 9	Field disposition and uses	50	-	-	338,44 47,64
9a 9b	Processing shrinkage	-	-	-	192,660 202,250
.0	Other uses	8,679	10,796	1,058,837	59,67° - 2,669,899
.3	Total disposition	8,729	10,796	1,058,837	3,510,56
	B. GAS UTILITIES Supply				
4 .4a .4b	Receipts of marketable gas Plants Fields	8,679	10,796	1,058,837	2,097,30 572,59
5	Total (14a + 14b)	8,679	10,796	1,058,837	2,669,89
6 7 7a	Receipts from distributor storage	-	-	331,975 - -	-
8	Total supply of marketable gas (15 + 16 + 17 + 17a)	8,679	10,796	1,390,812	2,669,89
	Disposition				
	Sales				
9 L !	British Columbia	-	-	-	1,342,22
3	OntarioQuebec	-	10,796	1,252,360	-
5	New Brunswick	3,375	10.704	1 050 200	
7	Total sales (19 to 25 inclusive)	3,375	10,796	1,252,360	1,342,22
3	Other deliveries(2)	04	-	-	
	Delivered to distributor storage	-	-	-	727,92 35,57
	Pipeline fuel	5,304	-	33,728 104,724	135,22 428,95
3	Total disposition of marketable gas (26 to	3,304	-	104,724	420,72

⁽²⁾ Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 2. Supply and Disposition of Natural Cas by Source, Canada, August 1970

Alberta	British Columbia	Northwest -Territories	Total Canadian sources	Total Foreign sources	Total all sources	
1	1	Mef.	1			
167,479,845 4,770,376	24,588,207 1,160,648	108,680 107,897	197,742,405 7,015,663		197,742,405 7,015,663	
162,709,469	23,427,559	783	190,726,742		190,726,742	
23,610,783	373,761	-	23,984,544		23,984,544	
139,098,686	23,053,798	783	166,742,198		166,742,198	-
646,633 478,998	820,093	-	1,805,218 526,639	• • •	1,805,218 526,639	
22,327,052 6,991,149	425,185 2,521,263	-	22,944,897 9,714,662		22,944,897 9,714,662	
89,909 - 1,050,453 109,615,398	17,267	783	150,369 - 1,033,186		150,369 - 1,033,186	1
139,098,686	19,269,990	-	132,633,599		132,633,599	1
132,030,000	23,053,798	783	166,742,198	•••	166,742,198	1
95,067,952 14,547,446	18,859,625 410,365	-	116,024,879 16,608,720		116,024,879 16,608,720	14
109,615,398	19,269,990	-	132,633,599		132,633,599	1.
19,543	-	-	351,518		351,518	1
5,199	32,823	-	38,022	1,472,030	1,472,030 38,022	1
109,640,140	19,302,813	*	133,023,139	1,472,030	134,495,169	1
485,888 11,663,868 1,546,766	5,997,620	-	6,483,508 11,663,868 2,888,990	2,490	6,483,508 11,666,358 2,888,990	1: 20
1,753,423 18,007,494 3,053,163	- - - -	-	1,753,423 19,259,854 3,063,959 3,375	1,469,554	1,753,423 20,729,408 3,063,959	22 24
36,510,602	5,997,620		45,116,977	1,472,044		25
44,782,236 1,474,632 17,345,683 - 221,447	12,043,285		56,825,521 1,474,632 18,073,603 - 239,942	-	56,825,521 1,474,632 18,073,603	27 28 29 30
5,524,134 4,224,300	990,283 325,693	~	6,683,371 5,088,977	- 14	6,683,371	31
109,640,140	19,302,813	_	133,023,139	1,472,030	134,495,169	33

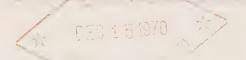


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December 1970

Fuel and Electricity Purchased and Consumed by the Manufacturing Industries by
Major Group, by Region, 1968

This is the fifth in a series of releases relating to energy consumed by the Manufacturing Industries. Data covering the years 1954, 1965, 1966 and 1967 were previously published in Service Bulletin Form, Catalogue No. 57-002 Vol. 5 Nos. 19, 28, 41 and 48 respectively. It is intended that data covering 1969 and succeeding years will be published as they become available.

The following tables show the amount of fuel and electricity, in terms of both quantity and value, purchased and consumed by the 20 major groupings of respondents to the Census of Manufacturers. In that this survey consumption by the purchased and consumed, the data do not represent total energy consumption by the manufacturing industries. For example, any stablishment with its own electricity generating facilities does not have incorporated in the tables any energy generated for its own consumption.

The data are presented by 5 geographical areas: Atlantic; Quebec; Ontario; Prairies; British Columbia, Yukon and the Northwest Territories. Problems of confidentiality of data determined the choice of these levels of apprecation. It should be noted that individual figures may not such to the totals because of rounding.

In. 1968' (comparative 1964 figures in brackets) Ontario accounted for 46.1% (46.2%) or some \$373 million (\$284) of the total expenditures of \$809 million (\$615), followed by Quebec at 29.2% (30.1%) or \$236 million (\$185). Expenditures on solid fuels amounted to 8.9% (12.9%) of the total, on petroleum derivatives (including LPG.) 27.8% (26.9%), on natural gas 13.5% (11.3%), on electricity 44.8% (42.3%) and on other 5.0% (6.6%). The category "other" covers the fuel forms wood, steam, other manufactured gas, and also includes expenditures on all fuel types by those smaller establishments which are not required to differentiate between the various fuel forms. In absolute terms, solid fuels dropped by 19.3% from 7.4 million tons in 1964 to 6.0 million tons in 1968, while petroleum derivatives increased by 37.1% to 2091 million gallons, natural gas by 46.6% to 245 billion cubic feet, and electric energy by 29.1% to 57.8 billion Kwh.

6503-521

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Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1968 Anthracite (Quantity Tons, Value \$'000)

				,								
Industry group	Atlantic P	Provinces	Quebec	0	Ontario	io	Prairie Provinces	ovinces	B.C. Yukon, N.W.T.	kon,	Total	
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	1	t	416	10	1,832	31	76	-	1	ě	2,342	41
2. Tobacco products industries	1	1	1	1	1	1	1	8	ı	ı	,	•
3. Rubber industries		ı	1	1	ı	1	1	ı	1	ı	ı	ŧ
4. Leather industries	1	6	23	1	1	1	ı	ı	1	ı	23	1
5. Textile industries	ŧ	1	247	5	144	6	1	1	1	'	391	00
6. Knitting mills	ı		392	∞	184	7	1	ı	1	ŧ	576	12
7. Clothing industries	1	1	144	m	1	1	1	1	1	6	144	m
8. Wood industries	ı	1	9	;	211	7	1	ı	ı		217	7
9. Furniture and fixture industries	ı	1	92	-	2,235	38	1	ı	1	1	2,327	40
10. Paper and allied industries	1	ı	8	1	1	1	1	1	1	•	1	,
11. Printing, publishing and allied industries	1	ı	124	m	17	1	1	1	ı	,	171	7
12. Primary metal industries	ŧ	ı	181,900	3,336	699*7	79	1	1	1	ı	186,569	3.400
13. Metal fabricating industries	00	8	31	1	866	16	1	1	2	1	1,039	17
14. Machinery industrles	1	•	120	2	1,360	21	m	1	1	•	1,483	23
15. Transportation equipment industries	1	1	535	6	11,973	145	14	;	1	1	12,522	154
16. Electrical products industries	•	1	1	1	ı	ı		1	1		•	ı
17. Non-metallic mineral products industries	1	ŧ	1	,	174	7	71		1	1	245	5
18. Petroleum and coal products industries	t	8	1	ŧ	1	1	8	ı	1	1	1	,
19. Chemical and chemical products industries	'	1	8,368	158	3,047	45	1	4	1	1	11,415	203
20. Miscellaneous manufacturing industries	ı	ı	1	1	135	2	ı	1	1	1	135	2
Totals	00	0	192,398	3,537	26,979	377	182	9	2	. 1	219,569	3,916
		+						-				

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1968 Sub-Bituminous Coal (Quantity Tons, Value \$'000)

Total or the state of the state	Atlantic P	Provinces	. (Quebec		Ontario	0	Prairie Provinces	ovinces	B.C. Yukon, N.W.T.	con,	Total	
doors Greenit	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	1	1	1	1	1	1	1,716	17	1	1	1,716	17
2. Tobacco products industries	1	1	1	1	f	1	1	ı	ı	1)	ì
3, Rubber industries	1	'	ı	1	1	1	1	1	1	1	1	ı
4. Leather industries	ı	'	1	ı	ı	1	*	1	,	(-	,
5. Textile industries	1	t	1	1	ı	1	1	1	ı	1	,	,
6. Knitting mills	4	1	ı	1	(1	1	ı	I	ı	r	,
7. Clothing industries	1	ı		ì	1	1	,	,	- (1	,	r
8. Wood industries	ı	ı	19	-	32	1	1	1	1	,	51	H
9. Furniture and fixture industries	ì	1	ı	1	1,160	20	1	1	1	,	1,160	20
10. Paper and allied industries	ı	1		1	39,472	009	1	1	•	1	39,472	009
 Printing, publishing and allied industries 	ı	1	1	1	1,037	23	1	1	1		1,037	23
12. Primary metal industries	í	ē.	4	1	t	ı	12	1	1	ı	12	\$ #
13. Metal fabricating industries	1	1	- 1	1	ı	1	3	1	24	1	27	1
14. Machinery industries	1	1	ı	1	ť	,	j	1		ŧ	,	ı
15. Transportation equipment industries	1		,	1	ı	ı	ı	1	1	ı	ı	,
16. Electrical products industries	1	ı	ì	ı			1	,	1	1	1	f
17. Non-metallic mineral products industries	1	ı	ı	1	ı	1	194	~	ı	1	194 1	c
18. Petroleum and coal products industries	1	ı	ı	ŧ	ŧ	ı	189	~	1	1	189	₽
19. Chemical and chemical products industries	ı	1	ı	1	ı	1	1	1	ı	1	1	ŧ
20. Miscellaneous manufacturing industries	1	1	1	1	28	-1	1	1	26	8 5	54	
Totals	ı	1	19	П	41,729	779	2,114	21	20	П	43,912	667
				-								

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1968 Imported Bituminous Coal (Quantity Tons, Value \$'000)

Industry orom	Atlantic P	Provinces	Óuebec	v	Ontario	io	Prairie Provinces	ovinces	B.C. Yukon, N.W.T.	,uo	Total	
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industrass	2	1	2,743	84	120,516	1,462	35	-	1	1	123,296	1,511
2. Tobacco products industries	1	1	1	1	1,697	26	ı	I	1	ı	1,697	26
3. Rubber industries	1	,	ı	1	49,859	603	\$	ŧ	í	t	49,859	603
4. Leather industries	1	1	267	4	16,811	248	ŧ	ł	t	ı	17,078	252
5. Textile industries	1	1	1,303	20	30,665	381	ı	ı	ı	r	31,968	401
6. Knitting mills	,	1	471	∞	5,956	75	1	1	i	ı	6,427	83
7. Clothing industries	t	ı	ı	1	1,927	27	1	1	1	1	1,927	27
8. Wood industries	1	ı	1,252	17	2,650	42	ı	ı	1	1	3,902	59
9. Furniture and fixture industries	1	ı	2,636	45	5,331	06	1	1	ı	1	7,967	134
10. Paper and allied industries	ı	1	36,036	695	669,023	7,816	i	4	1	ı	705,059	8,279
11. Printing, publishing and allied industries	1	ı	22		1,289	23	ı	ı	1	1	1,311	24
12. Primary metal industries	1	'	ı	1	357,417	4,399	1	ı	1	1	357,417	4,399
13. Metal fabricating industries	1	1	373	7	16,412	206	1	ı	1	ı	16,785	213
14. Machinery industries	1	1	ı	ı	47,160	532	1	t	1	1	47,160	532
15. Transportation equipment industries	1	1	ı	1	303,050	3,513	4	ı	f	ı	303,050	3,513
16. Electrical products industries	1	1	9,626	126	43,950	588	1	ı	1	ı	53,576	714
17. Non-metallic mineral products industries	1	1	10,052	190	515,783	6,165	5,822	119	1	ŧ	531,657	6,473
18. Petroleum and coal products industries	1	ı	ę	1	ı	ı	1	ı	1	1	ı	ŧ
19. Chemical and chemical products industries	ı	1	54,590	968	824,380	7,693	1	ı	ı	*	878,970	8,589
20. Miscellaneous manufacturing industries	1	1	2,714	97	15,375	223	1	1	1		18,089	269
Totals	2	ţ I	122,085	1,870	3,029,251	34,111	5,857	120	1	ı	3,157,195	36,101

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1968 Sub-Bituminous Coal (Quantity Tons, Value \$'1000)

					6)						
Todistry ovous	Atlantic P	Provinces	Quebec	0	Ontario	0]	Prairie Provinces	ovinces	B.C. Yukon, N.W.T.	kon,	Total	
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	ı	1	1	ı	1	1	1,716	17	1	F	1,716	<u></u>
2. Tobacco products industries	,	ı	1	t	1	1	3	1	ě	1	ı	ı
3. Rubber industries	1	1	1	1	1	1	ı	ı	,			•
4. Leather industries		ı	1	1	1	1	ı	1	1	1	1	1
5. Textile industries	1	1	1	ı	ı		,	1		,	-	1
6. Knitting mills	1	ı	(ı	1	'	(1	1	1	r	1
7. Clothing industries	ţ	1	ı	ı	1	1	1	ı	1	1	1	ı
8. Wood industries	ı	1	19	H	32		1	1	1	1	51	-
9. Furniture and fixture industries	1	1	1	t	1,160	20	1	ı	ı	1	1,160	20
10. Paper and allied industries	1	1	1	ı	39,472	009	1	1	1	(39,472	009
11. Printing, publishing and allied industries	1	ı	ı	1	1,037	23	1	1	ı	1	1,037	23
12. Primary metal industries	1	1	+	ı	1	1	12	!	ı	1	12	<u> </u>
13. Metal fabricating industries	1	1	1	1	1	ı	n	1	24	1	27	1 E
14. Machinery industries	ı	1	-	ı	1	,	(r	(1	•	ŧ
15. Transportation equipment industries	1	1	1	1	8	1	ł	1	1	-	t	ı
16. Electrical products industries	1	1	1	1	ı	1	1	1	1	1	đ	ŧ
17. Non-metallic mineral products industries	1	1	1	ğ	1	1	194	3	t	1	194	er.
18. Petroleum and coal products industries	ŧ	1	1	1	,	1	189	H	1	'	189	-1
19. Chemical and chemical products industries	1	t	ı	t	1	1	t	1	1		1	ı
20. Miscellaneous manufacturing industries	ŧ	8	1	1	28		1		26		54	1
Totals	1	1	19	Н	41,729	779	2,114	21	. 20		43,912	667

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1968 Lignite (quantity Tons, Value $\1000)

	Atlantic P	Provinces	Quebec		Ontario	0	Prairie Provinces	vinces	B.C. Yukon, N.W.T.	kon,	Total	
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
												# I
l. Food and beverage industries	ı	1	•	ı	120	-	4,160	28	1	1	4,280	29
2. Tobacco products industries	ŧ	ı	1	ı	ì	ŧ	ı	ı	1	1	ı	1
3. Rubber industries	ı	ı	1	ŧ	1	1	1	ı	1	1	ı	t
4. Leather industries	ı	1	1	t	1	4	1	1	1	1	1	1
5. Textile industries	1	1	1	1	1	1	359	4	ı	1	359	77
6. Knitting mills	ı	1	ı	ı	1	1	1	ı	ı	(ţ	1
7. Clothing industries	1	ı	1	ı	1	ŧ	1	ı	1	ı	4	ı
8. Wood industries	•	ı	ŝ	ŧ	1	1	108	2	1	ŧ	108	0
9. Furniture and fixture industries	1	ı	1	1	ŀ	ı	ı	(4	1	1	ţ
10. Paper and allied industries	,	ı	1	1	155,819	779	108,598	422	1	1	264,417	1,201
ll. Printing, publishing and allied industries	i	1	ı	3	1	1	ı	¥	ı	1	1	t
12. Primary metal industries	ı	1	1	1	ı	1	220	2	í	1	220	2
13. Metal fabricating industries	1	1	ı	1	ŧ	1	ı	1	1	1	1	f
14. Machinery industries	6	1	1	1	ı	í	1	ı	1	,	ŧ	ı
15. Transportation equipment industries	ı	1	1	1	1	1	18	1	1	1	18	1
16. Electrical products industries	ı	,	3	1	1	1	378	2	1	ı	378	2
17. Non-metallic mineral products industries	1	ı	1	ı	ş	1	5,298	41	1	1	5,298	41
18. Petroleum and coal products industries	1	ı	1	1	6	1	300	6	1	1	300	m
19. Chemical and chemical products industries	l.	ı	1	ı	1	ı	å	ı	t	i	ŧ.	1
20. Miscellaneous manufacturing industries	1	1	ŧ	1	1	1	1	1	1	1	6	1
Totals	1	1	,	1	155,939	780	119,439	504	1	1	275,378	1,285

- 6 -

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1968 Coke (Quantity Tons, Value \$'000)

Traditerry over	Atlantic Provinces	rovinces	Quebec	o	Ontario	io	Prairie Provinces	ovinces	B.C. Yukon, N.W.T.	°uc,	Total	
dip 49 641000000000000000000000000000000000000	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	33	-	1,556	45	1,360	36	2,792	71	,	ı	5,741	153
2. Tobacco products industries	i	1	ı	1	1	•		,	1	1	,	1
3. Rubber industries	ı	ı	1	1	1	ı	ı	1		ŀ	1	1
4. Leather industries	ı	ı	ı	1	ı	1	1	1	1	1	1	ı
5. Textile industries	ı	i	ı	ı	ı	1	1	-	1	1	1	1
6. Knitting mills	1	1	ı	1	1	1	1	١	1	1	,	1
7. Clothing industries	t	t	(1	184	F	ı		,	1	87	p-f
8. Wood industries	1	ı	1	1	20	1	,	ŧ	ı	1	20	į
9. Furniture and fixture industries	ı	ı	300	9	1	1	1	•	5	1	305	9
10. Paper and allied industries	1	t	ı	1	10,044	100	1	1	1	1	10,044	100
11. Printing, publishing and allied industries	t	ı	1	1	57	П	ŧ		ē	1	57	paral.
12. Primary metal industries	200	9	1,217	777	217,574	4,977	17		68,687	1,523	287,695	6,552
13. Metal fabricating industries	ı	1	39	-	18		112	9	H	1	170	00
14. Machinery industries	1	ł	22	-	7	ŀ	1	1	1	ı	29	Н
15. Transportation equipment industries	83	3	1	,	9	1	1	1	11	1	100	4
16. Electrical products industries	1	ı	3	,	1		ı	1	,		,	
17. Non-metallic mineral products industries	ı	•	111	Cı	2,213	56	352	6	1	t	2,676	67
18. Petroleum and coal products industries	1	ı		1	1	1	ŧ	1	2	1	1	1
19. Chemical and chemical products industries	,	ı	20	-	8,646	9	96	<u>е</u>	1	1	8,792	69
20. Miscellaneous manufacturing industries	1	1	583	12	1	a	1	•	ē	1	583	12
Totals	316	10	3,878	112	239,993	5,237	3,369	06	68,704	1,524	316,260	6,973
								-		Ĭ		

- 8 -

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1968 Gasoline (Quantity '000 gal., Value \$'000)

ringer or Tradition	Atlantic P	Provinces	. (Quebec	U	Ontario	io	Prairie Provinces	winces	B.C. Yukon, N.W.T.	n,	Total	
d10,490 h410,1111	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	5,093	2,240	18,843	7,279	28,400	10,798	9,892	3,672	4,201	1,500	66,428	25,488
2. Tobacco products industries	ı	ŧ	80	35	93	43	ı	1	1	1	173	78
3. Rubber industries	t	ı	107	45	86	42	rI	1	ı	1	205	87
4. Leather industries	1	ı	130	85	124	58	11	5	1	1	265	122
5. Textile industries	51	25	462	204	521	231	71	28	37	16	1,142	505
6. Knitting mills	t	1	77	36	06	43	2	H	1	1	169	80
7. Clothing industries	1	7	633	280	217	96	24	10	35	15	910	402
8. Wood industries	879	269	5,103	2,119	3,183	1,344	1,149	398	4,160	1,291	14,244	5,421
9. Furniture and fixture industries	17	6	881	385	672	594	84	36	75	32	1,731	755
10. Paper and allied industries	183	72	1,011	402	1,557	611	132	07	864	217	3,746	1,341
ll. Printing, publishing and allied industries	113	55	719	312	1,692	683	255	104	06	43	2,870	1,196
12. Primary metal industries	76	32	867	307	1,819	591	329	108	611	159	3,720	1,197
13. Metal fabricating industries	278	122	2,204	951	4,711	2,026	586	236	403	170	8,182	3,506
14. Machinery industries	14	7	454	185	1,242	509	357	155	127	55	2,194	912
15. Transportation equipment industries	142	53	1,182	195	6,515	2,070	163	70	170	19	8,172	2,721
16. Electrical products industries	35	17	318	121	1,302	558	11	72	87	41	1,754	741
17. Non-metallic mineral products industries	068	353	4,025	1,481	8,660	3,172	3,554	1,252	1,301	402	18,430	099,9
18. Petroleum and coal products industries	ı	ı	131	51	243	91	21	9	9	2	107	151
19. Chemical and chemical products industries	136	57	1,575	639	2,828	1,190	134	45	98	41	4,771	1,972
20. Miscellaneous manufacturing industries	73	34	681	305	2,140	926	274	119	261	112	3,429	1,526
Totals	7,767	3,344	39,483	15,656	66,108	25,406	17,051	6,291	12,528	4,164	142,935	54,861
									+			

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1968 Fuel Oil (Quantity '000 gal., Value \$'1000)

Industry group	Atlantic P	Provinces	Quebec	v	Ontario	io	Prairie Provinces	ovinces	B.C. Yukon, N.W.T.	kon,	Total	11
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industrier	38,544	3,999	88,544	8,250	93,142	9,175	5,616	521	7,454	1,000	233,300	22,945
2. Tobacco products industries	1	ı	2,731	214	2,521	232	,	ı	1	1	5,252	977
3. Rubber industries	1	1	7,810	620	19,525	1,589		1	ŧ	1	27,336	2,209
4. Leather industries	112	15	1,856	500	4,932	797	5		8	ŧ	6,905	069
5. Textile industries	096	84	61,073	4,685	30,950	2,598	33	2	42	2	93,059	7,378
6. Knitting mills	1,201	96	5,016	472	2,186	217	45	00	27	c	8,476	962
7. Clothing industries	76	13	2,273	311	1,096	126	98	15	4		3,535	997
8. Wood industries	2,182	248	7,109	1,497	7,086	771	2,017	330	9,733	1,695	25,126	4,541
9. Furniture and fixture industries	182	21	2,683	389	2,634	339	78	00	74	13	5,656	770
10. Paper and allied industries	131,005	8,740	347,322	24,011	71,516	5,955	1,369	66	197,162	14,633	748,373	53,437
11. Printing, publishing and allied industries	288	97	3,263	362	4,711	569	4	1	192	29	8,457	1,007
12. Primary metal industries	31,340	2,417	105,285	7,923	163,115	14,888	7,409	905	3,916	495	311,065	26,627
13. Metal fabricating industries	1,804	236	12,634	1,476	16,015	2,063	337	54	934	116	31,725	3,944
14. Machinery industries	111	16	4,000	415	11,123	1,141	143	25	114	20	15,492	1,617
15. Transportation equipment industries	5,676	532	17,836	1,556	29,946	2,709	234	36	386	54	54,078	4,886
16. Electrical products industries	606	111	206*6	790	21,187	2,016	106	12	116	15	32,224	2,945
17. Non-metallic mineral products industries	7,552	828	59,246	2,460	47,047	4,905	1,789	339	13,690	1,147	129,323	12,679
18. Petroleum and coal products industries	t	1	1,509	154	1,586	172	169	24	10		3,269	352
19. Chemical and chemical products indus- tries	3,222	335	61,562	5,042	76,180	6,249	1,012	105	2,770	267	144,746	11,998
20. Miscellaneous manufacturing industries	219	26	6,270	637	7,188	831	14	2	74	12	13,764	1,509
Totals	225,383	17,764	807,926	64,471	610,685	57,011	20,475	2,491	236,691	19,507	1,901,159	161,244

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1968 Liquefied Petroleum Cases (Quantity '000 gal., Value \$'000)

		1		ממכים (למי	(Knameter) 000	ooo gare, value a ooo)	fonn è ar					
or the contract of the contrac	Atlantic P	c Provinces	Óuebec	O.	Ontario	io	Prairie Provinces	ovinces	B.C. Yukon, N.W.T.	, noy	F1	
A50 a 10 C 13 a 10 a	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	331	81	4,977	844	1,715	387	423	93	219	52	7,665	1,9457
2. Tobacco products industries	1	8	110	39	112	55	ŝ	1	ı	1	223	93
3. Rubber industries	1	9	07	16	194	77	H	~	ī	1	235	61
4. Leather industries	1		11	3		-	1		1	8	13	~1
5. Textile industries	1	1	1,761	275	59	1.5	'	1	1	1	1,821	291
6. Knitting mills	1	1	m				2	1	1	1	7	51
7. Clothing industries	2	2	97	13	10	6	1	1	1	1	59	17
8. Wood industries	2	2	79	20	151	37	190	41	4,436	634	77847	734
9. Furniture and fixture industries	ı	ı	82	19	43	00	2	-	-	1	128	28
10. Paper and allied industries	2,792	206	1,919	370	601	143	84	20	886	166	6,281	904
11. Printing, publishing and allied industries	9	1	16	72	23	9	7	el		!	47	13
12. Primary metal industries	530	81	6,031	809	3,237	615	138	747	219	38	10,155	1,589
13. Metal fabricating industries	82	14	593	134	996	205	27	9	67	17	1,735	376
14. Machinery industries	8	-	144	34	314	76	160	42	53	12	671	164
15. Transportation equipment industries	63	25	1,448	188	1,079	208	20	7	35	10	2,675	437
16. Electrical products industries	26	00	846	164	294	70	6	2	6	2	1,184	246
17. Non-metallic mineral products industries	2	П	815	170	1,216	277	126	29	140	26	2,299	502
18. Petroleum and coal products industries	ı	1	1	1	-	į	ı	1	1	ı	7	1
19. Chemical and chemical products industries	m	1	799	68	5,484	1,224	77	13	16	4	6,244	1,330
20. Miscellaneous manufacturing industries	11	7	116	35	122	37	2	-1	5	2	256	78
Totals	3,877	426	19,687	3,229	15,624	3,409	1,266	302	6,088	963	46,542	8,329

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1968 Natural Gas (Quantity Million cu. ft., Value \$'000)

	•	Joo Macar	ילתמו			y arte y	(non					
-	Atlantic Provinces	rovinces	Quebec	Ü	Ontario	io	Prairie Provinces	ovinces	B.C., Yukon, N.W.T.	ukon,	Total	
Transcry group	Quantity	Cost	Quantity	Cost	Quanti ty	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	ŧ	1	2,364	1,306	9,927	5,631	10,989	3,288	3,090	1,475	26,370	11,700
2. Tobacco products industries	ı	1	114	53	36	37	1	1	1	4	150	06
3. Rubber industries	1	1	38	07	717	301	223	73	2	5	140	389
4. Leather industries	1	ı	22	24	170	146	81	27	-	2	275	199
5. Textile industries	1		220	222	2,574	1,672	893	153	52	147	3,738	2,094
6. Knitting mills	1	1	20	24	330	267	00	7	1	1	357	295
7. Clothing industries	,	1	36	35	182	164	133	09	20	15	371	274
8. Wood industries	1	8	96	59	492	375	518	190	2,165	866	3,271	1,623
9. Furniture and fixture industries	1	1	102	102	619	556	150	88	52	67	922	795
10. Paper and allied industries	1	1	1,685	706	24,615	10,312	6,150	2,014	7,322	3,363	39,772	16,395
11. Printing, publishing and allied industries	ı	1	136	128	458	430	362	161	747	38	1,000	757
12. Primary metal industries	1	1	4,037	2,003	32,349	16,249	8,749	1,674	1,801	772	46,936	20,698
13. Metal fabricating industries	1	1	879	948	7,319	5,987	890	428	905	300	767 6	7,561
14. Machinery industries	1	1	302	185	2,273	1,814	570	247	156	102	3,300	2,349
15. Transportation equipment industries	ı	ı	243	214	7,418	2,460	249	235	156	9 8	8,463	900,9
16. Electrical products industries	1	1	316	294	2,941	2,235	160	74	51	48	3,468	2,653
17. Non-metallic mineral products industries	1	1	7,423	3,386	16,845	9,421	15,144	3,137	2,452	1,100	41,864	17,044
18. Petroleum and coal products industries	1	1	786	255	1,974	1,035	6,817	1,375	1,504	553	11,081	3,219
19. Chemical and chemical products industries	1	ı	2,473	1,142	12,544	992.9	24,305	4,403	2,415	928	41,736	13,240
20. Miscellaneous manufacturing industries	1	1	88	81	1,748	1,481	171	73	52	33	2,060	1,669
Totals	1	1	21,380	11,104	125,287	70,342	76,958	17,675	21,743	9,928	245,368	109,049

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1968 Electricity (Quantity '000 Kwh., Value ('1000)

anora aranpul	Atlantic F	Provinces	Quebec	U	Ontario	io	Prairie Provinces	ovinces	B.C. Yuke N.W.T.	Yukon,	Total	
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	207,478	3,723	697,988	8,125	1,036,461	10,634	426,355	5,413	179,540	2,422	2,547,822	30,317
2. Tobacco products industries	į	ı	47,965	501	44,321	434	1	1	1	ı	92,286	935
3. Rubber industries	ı	4	130,222	1,238	343,714	2,945	18,462	162	622	9	493,020	4,348
4. Leather industries	696	19	40,330	613	60,347	776	3,763	59	839	17	106,243	1,483
5. Textile industries	26,183	314	636,632	5,958	639,963	4,509	4,376	86	5,517	83	1,312,671	10,951
6. Knitting mills	4,114	69	53,133	853	36,725	425	776	17	885	6	95,801	1,373
7. Clothing industries	720	17	101,548	1,720	38,698	290	12,548	247	2,838	55	156,352	2,630
8. Wood industries	39,057	727	172,586	2,970	126,495	1,794	48,352	823	772,697	8,576	1,159,187	14,888
9. Furniture and fixture industries	2,760	77	80,871	1,320	93,856	1,264	099 6	181	7,474	127	194,621	2,935
10. Paper and allied industries	2,311,249	12,857	8,379,357	37,243	4,054,055	21,799	307,094	2,042	3,019,887	16,511	18,071,642	90,451
11. Printing, publishing and allied industries	8,100	180	112,403	1,394	198,026	2,208	34,007	524	44,501	415	397,037	4,722
12. Primary metal industries	86,299	655	5,751,376	23,640	5,023,722	32,299	1,746,368	9,738	1,755,638	2,499	14,363,402	68,832
13. Metal fabricating industries	19,947	323	280,124	3,456	701,816	8,315	96,046	892	58,620	815	1,116,553	13,801
14. Machinery industries	1,042	18	82,544	924	365,065	3,754	21,227	367	42,818	359	512,695	5,422
15. Transportation equipment industries	51,892	687	347,840	2,961	1,418,208	12,125	41,822	511	30,500	398	1,890,263	16,682
16. Electrical products industries	16,475	226	313,445	2,969	714,775	6,621	27,985	360	17,657	208	1,090,337	10,385
17. Non-metallic mineral products industries	110,068	1,173	1,002,264	6,435	1,618,869	10,654	268,036	2,244	117,014	1,060	3,116,250	21,567
18. Petroleum and coal products industries	78,965	857	540,047	2,815	685,459	4,232	276,809	2,186	236,572	1,376	1,817,853	11,466
19. Chemical and chemical products industries	151,814	1,184	2,195,516	11,150	3,806,376	22,346	484,363	2,950	2,100,337	5,291	8, 738, 405	42,922
20. Miscellaneous manufacturing industries	5,577	115	143,702	1,841	371,497	3,989	16,137	310	13, 791	251	550, 705	905 °9
Totals	3,122,702	23,187	21,109,894	118,126	21,378,447	151,709	3,804,355	29,113	8,407,746	40,479	57, 823, 145	362,615

Consumption of Fuel and Electricity in the Manufacturing Industries by Group, by Region 1968 Other (Quantity not applicable, Value $\1000)

	Atlantic P	Provinces	Quebec		Ontario	0,	Prairie Provinces	ovinces	B.C. Yukon,	kon,	Total	1
Industry group	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
1. Food and beverage industries	t	340	ŧ	1,940	8	1,850	1	069		492	,	5,311
2. Tobacco products industries	1	1	1	35	ı	8	ı	1	1	•	1	35
3. Rubber industries	,	2	ı	122	ı	108	ı	F	1	19	•	250
4. Leather industries	1	2	1	35	ı	113	•	3	ŧ	7	1	157
5. Textile industries	,	5	1	641	1	385	1	31	í	14	1	1,076
6. Knitting mills	1	2	1	50	•	26	ŧ	-	f	m	3	98
7. Clothing industries	ı	2	1	194	•	55	ı	27	1	9	ŧ	284
8. Wood industries	,	961	ŀ	557	1	1,347		186	ı	2,848	ı	6,499
9. Furniture and fixture industries	ı	29	ı	288	1	376	ı	143	ŧ	130	1	996
10. Paper and allied industries	1	396	ı	1,903	ı	893	ı	26	ı	3,244	ı	6,463
11. Printing, publishing and allied industries	1	150	1	193	1	903	ř	245	ě	188	ê	1,679
12. Primary metal industries	1	559	1	79	t	984	ı	67	ŧ	41		1,712
13. Metal fabricating industries	1	06	1	492	1	1,576	ı	249	1	318	•	2,726
14. Machinery industries	1	14	1	12	1	275	1	53	1	43	1	397
15. Transportation equipment industries	ı	75	1	207	ı	774	ı	51	1	54	t	1,160
16. Electrical products industries	1	1	ŀ	189	ı	226	,	6	1	37	1	197
17. Non-metallic mineral products industries	1	72	•	155	1	993	1	289	1	245	•	1,755
18. Petroleum and coal products industries	ı	33	1	1	1	53	t	4	1	1,486	1	1,575
19. Chemical and chemical products industries		53	1	348	ı	6,773		96	ŧ	189	1	7,459
20. Miscellaneous manufacturing industries	1	25	1	110	1	459	1	62	1	53	1	709
Totals	1	2,812	1	7,548	1	18,169	đ	2,816	8	9,415	8	40,760



ENERGY STATISTIC

For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

\$5.00 A YEAR

Catalogue No 57-002 Vol. 5, No. 94



Page

1. Preliminary Propane Statistics August, 1969 and August 1970 2. Preliminary Electric Power Statistics, October 1970, Catalogue No. 57-001

1. Preliminary Propane Statistics August 1969 and August 1970

Production of propane for August 1970 amounted to 2,278,772 barrels. This was an increase of 384,863 barrels over the same month last year.

Sales to distributors were 727,853 barrels as compared with 851,670 during August 1969.

The export of propane for the month was 721,617 barrels, an increase of 58.4% over August, 1969. Most of the change is accounted for by a large increase in exports to U.S. districts I and II. These statistics show provincial source and end disposition of the product, without taking into account intermediate interprovincial transfers.

Canadian Propane Supply and Disposition

Gas processing plant production(1)		Atlantic	Quebec	Ontario	Manitoba and Saskat- chewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
Refinery production			1	1	ba	rrels		1	
Refinery production	August 1969								
Refinery production	Supply								
Gas processing plant production(1)									
Interprovemental "IN"	Gas processing plant production(1)	-	-			1,360,298		-	444,900 1,449,009 1,492
Plant and refinery use - 3,335 6,444 860 - 10,	Interprovincial "IN"		37,997			1		4,905	(372,372
Plant and refinery use	Totals	39,218	164,404	461,080	86,752	1,045,155	93,989	4,905	1,523,029
Maschle Hood	Disposition								
Maschle Hood	Plant and refinery use			2 225		060			
Mascble flood	Gas enrichment	_			6,444		-		10,639
Distributors 36,845 147,369 383,611 70,466 119,197 89,277 4,905 851, Exports: District 7,906 7,906 97, District 1 6,292 90,961 20,266 20, District 1 7,4,628 196 74, Offshore 255,347	Miscible flood	-	-	-	-	34,152			34,152
District 1	Distributors	36,845			70,466			4,905	268,749 851,670
District V		-	~	-	-	1 '	-	-	7,906
District V Company C		-	_	-			-	-	97,253
Losses or gains	District V	-	-	-	-		196		74,824
Adjustments (989) (9,620) (36,648) 805 (56,416) (12) - (102, 11	Losses or gains	(20)			120		-	-	255,347
August 1970 Supply Refinery production 47,763 187,343 187,525 23,140 600 22,409 - 468,	Adjustments	(989)	(9,620)		805	(56,416)		-	3,612 (102,880
Refinery production	Totals	39,218	164,404	461,080	86,752	1,045,155	93,989	4,905	1,523,029
Refinery production	August 1970								
Gas processing plant production(1) Imports	Supply								
Gas processing plant production(1) Imports	Refinery production	47.763	187.343	187 525	23 1//0	600	22 400		460 =00
Timetrprovincial "IN"	Gas processing plant production(1)	-						-	468,780 1,809,992
Inventory change	Interprovincial "IN"	_		1	- 10 (50	-	-	-	1,942
Totals	Inventory change	(4,340)				(563 392)		5,044	/E75 70/
Plant and refinery use		43,423	198,039					5.044	1,704,990
Gas enrichment Miscible flood Petrochemical and Industrial(2) Distributors 38,983 151,587 305,078 63,828 117,093 46,240 5,044 727,8 Exports: District 1 District 1V District 1V Offshore Confidence 134 (284) (25) (1,350) 2,895 (32) 327 (14) 760 Interprovincial "OUT" 3,000 1,630 - - - - - - - - -	Disposition								_,,
Gas enrichment Miscible flood Petrochemical and Industrial(2) Distributors State of the process	Plant and median					ì			
Miscible flood	Gas enrichment	-		-		2,478	-	-	20,227
Petrocemical and Industrial(2) 16,634 42,110 107,700 1,630 - 168,634 151,587 305,078 63,828 117,093 46,240 5,044 727,8 117,093 117,0	Miscible flood	-	-	-		8.981		-	9 091
Exports: District 1 District 11 District 1V District V District V Offshore Losses or gains Adjustments 1,170 15,909 1,170 15,909 1,170 15,909 1,170 1,	Distributors	38,983			63.828	107,700	1,630	-	168,074
District 11			,,,,,,	,,,,,	03,020	117,095	40,240	3,044	727,853
District 1V	District 11	-	-	-	24. 205		-		51,399
Offshore	District 1V		-		24,395		-	-	311,697
Losses or gains 134 (284) (25) (1,350) 2,895 (32) - 1,30 1,170 15,909 40,564 (1,056) 327 (14) - 56,90 1,760 -	Offshore	-	1	-	-	36,927	-	-	42,624
Adjustments	Losses or gains	134		(25)	(1 250)			-	278,970
7,020 2,000 1,700	Adjustments	1,170	15,909	40,564	(1,056)	327	(14)	ſ	1,338
Totals 43,423 198,039 389,814 96,576 1,154,041 72,305 5,044 1,704,9	Totals								1,704,990

⁽¹⁾ Excludes returned to formation.
(2) Identifiable industrial sales have been allocated to this category. Distributor sales may contain sales to industrial.

2. Preliminary Electric Power Statistics, October 1970 Catalogue No. 57-001

In October 1970 net generation amounted to 17,030,644 thousand kwh. a rise of 4.7% over the 16,261,345 thousand kwh. generated in October 1969. Increases in net generation occurred in all provinces except Newfoundland and British Columbia where there were decreases of 5.2% and 12.2% respectively. As in the last few previous months labour disputes in industry in British Columbia were responsible for the decline in electricity consumption and thus in generation. The largest increases in generation occurred in New Brunswick and Yukon Territory where they amounted to 30.4% and 47.7% respectively. Hydro generation increased 3.0% in October over the same period last year, while thermal generation increased 10.9%.

Imports increased 67.0% and exports increased 43.1% compared with October 1969. Firm energy consumption increased 4.3%.

Total generation for the twelve month period ending October 31, 1970 amounted to 201,376,309 thousand kwh. compared with 200,607,010^r thousand kwh. for the twelve month period ending September 30, 1970.

Seasoanlly adjusted net generation in October 1970 amounted to 17,472 million kwh. compared with 17,695 million kwh. in September and 17,436 million kwh. in August. Firm energy consumption amounted to 17,175 million kwh. on a seasonally adjusted basis. The comparable figures for September and August were 17,235 million kwh. and 16,784 million kwh. respectively.

Preliminary Electric Energy Statistics

(thousand Kwh)

		October	
	1968	1969	1970
Net generation - Hydro	11,228,557	12,681,119	13,060,720
Thermal	3,818,032	3,580,226	3,969,924
Total net generation	15,046,589	16,261,345	17,030,644
Cnergy imported from U.S.A	357,672	200,343	334,476
Energy exported to U.S.A.:			
Firm	64,645	69,738	101,444
Secondary	295,089	312,052	444,804
Total exported to U.S.A.	359,734	381,790	546,248
Net energy used in Canada	15,044,527	16,079,898	16,818,872
Secondary energy used in Canada	148,422	123,446	170,906.
irm energy used in Canada	14,896,105	15,956,452	16,647,966

r Revised figures.



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\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5, No. 95 Dec. 1970

CONTENTS

- - 1. Crude Petroleum and Natural Gas Production September 1970, Catalogue No. 26-006

55-002

According to preliminary data, the production of crude petro-leum and equivalent hydrocarbons during September 1970 amounted to 42,694,914 barrels (1,423,164 barrels per day), an increase of 13.6 per cent or 169,919 barrels per day from September 1969.

Preliminary figures of natural gas net new production in September 1970 indicate an increase of 16.9 per cent to 203,957,804 Mcf. from 174,439,414 in September 1969.



TABLE 1. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, September 1970

	New Brunswick	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Total Canadian Sources	Total Foreign source	Total all sources
Supply					barrels of 35	Canadian	gallons			
Domestic production Crude oil Synthetic crude cil Less returned to formation	698	74,220	472,462	7,373,432	27,467,258 1,567,828 244,444	2,059,421	97,962	37,545,624 1,567,828 244,444	: : :	37,545,624 1,567,828 244,444
Totals	698	74,220	472,462	7,373,432	28,790,642	2,059,421	97,962	38,869,008		38,869,008
Condensate	ę s	1 1	1 (33,742	42,729	6,233	f F:	48,962		48,962
Net withdrawals	869	74,220	472,462	7,407,174	32,501,285	2,140,942	97,962	42,694,914		42,694,914
Imports				:		:			19,009,520	19,009,520
Total supply	869	74,220	472,462	7,407,174	32,501,285	2,140,942	97,962	42,694,914	19,009,520	61,704,434
Disposition										
Deliveries to refineries Atlancic Provinces	1	ę	1	1	à	ŝ	ı	ı	6,242,723	6,242,723
Quebec	, ,	74,269	452,943	3,530,985	7,294,179		1 1	11,352,376	12,684,708	12,684,708
Manitoba Saskatchewan	1 1	1 8	15,594	731,153	583,798	g - 8	f i	1,330,545	1 1	1,330,545
Alberta British Columbia	i f 1	1 1 1	1 5 1	1 1 1	3,547,261	1,909,436	86.570	3,547,261 3,612,040 86,570	1 1 1	3,547,261 3,612,040 86,570
Totals	5	74,269	468,537	4,632,931	14,919,676	1,909,436	86,570	22,091,419	19,010,299	41,101,718
Exports to U.S.A. Petroleum Administration										
District I	1 1	1 1	4 1	182,673	2,276,462	\$ E	1 1	2,459,135	B 1	2,459,135
V	1 4	1 1	1 1		1,539,301	234,371	8 8	1,539,301	1 (1,539,301
Totals		-	f	2,976,473	16,480,224	234,371	0	19,691,068	ı	19,691,068
Inventories Opening - Field and plant	1.830	1	257 65	055 897	1 749 130	786.99	79.356	2,424,557	ı	2,424,557
	1 705	t	62,665	5,169,170	27,454,423	1,096,463	872 00	33,782,721	359,835	34,142,556
	C6/67	2 8	65,941	5,004,490	28,329,916	1,146,844	20,000	34,547,191	359,835	34,907,026
Net change	- 35	1	4,193	- 214,730	896,083	66,031	11,392	762,934	ŧ	762,934
Deliveries to other purchasers	611	ı	ı	1	3,069	2,565	1	107	3	107
Field and plant use	293	- 49	- 268	12,500	13,519 59,215 135,637	- 71,461	1 1 1	71,715	- 779	71,715
Total disposition	869	74,220	472,462	7,407,174	32,501,285	2,140,942	97,962	42,694,914	19,009,520	61,704,434
Pigures not appropriate or not applicable.	applicable.									

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, September 1970

No.		New Brunswick	Quebec	Ontario	Saskatchewan
			Mcf	•	
	A. FIELD AND PROCESSING PLANTS				
	Supply				
1 2	Gross new productionLess field flared and waste	8,927	13,062	1,213,918	5,412,534 1,024,886
3	Net new production (1 - 2)	8,927	13,062	1,213,918	4,387,648
5	Reproduced	•	-		
6	Net withdrawals	8,927	13,062	1,213,918	4,387,648
	Disposition				
7 8 9	Field disposition and uses	187	-	er es	458,043 40,203
9a 9b	Processing shrinkage	-	-	-	190,124 196,878
10	Other uses	-	-	-	79,568
12	Deliveries of marketable gas	8,740	13,062	1,213,918	3,422,832
13	Total disposition	8,927	13,062	1,213,918	4,387,648
	B. GAS UTILITIES				
	Supply				
14	Receipts of marketable gas				
14a 14b	PlantsFields	8,740	13,062	1,213,918	1,765,745 1,657,087
15	Total (14a + 14b)	8,740	13,062	1,213,918	3,422,832
16 17	Receipts from distributor storage	-	203,363	. 338,881	64,175
	Imports Other receipts(1)	-	-	-	-
18	Total supply of marketable gas				
	(15 + 16 + 17 + 17a)	8,740	216,425	1,552,799	3,487,007
	Disposition				
	Sales				
19	British Columbia	_		_	
20	AlbertaSaskatchewan	40	-	-	-
22	Manitoba			-	1,291,663
23	Ontario	-	-	1,460,896	709,771
25	Quebec New Brunswick	3,413	216,425	-	-
26	Total sales (19 to 25 inclusive)	3,413	216,425	1,460,896	2,001,434
27	Exports	-		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2,002,434
20)	Other deliveries(2)	-	-	-	
00	Delivered to distributor storage Pipeline line pack fluctuation	-	46	-	295,543
2 T	ripeline fuel		60	20,158	190 449
12	Pipeline losses etc.	5,327		71,745	180,448 1,009,484
33	Total disposition of marketable gas (26 to 32 inclusive)	8,740	216,425	1,552,799	3,487,007

⁽¹⁾ L.F.G. for gas enrichment, peak shaving or temporary supply.(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, September 1970

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
		Mcf.			
t	1	1	1	1	
175,986,778	27,428,967	94,319	210,158,505		210,158,505
4,519,483	565,223	91,109	6,200,701	• • •	6,200,701
171,467,295	26,863,744	3,210	203,957,804		203,957,804
23,866,804	214,150	-	24,080,954		2/ 000 05/
				•••	24,080,954
147,600,491	26,649,594	3,210	179,876,850		179,876,850
687,790	898,669	-	2,044,689		2,044,689
227,573	- 954	-	266,822		266,822
22,539,498	506,659	-	23,236,281		23,236,281
7,434,617 84,137	2,997,453	3,210	10,628,948		10,628,948 166,915
- 199,408	38,732	-	- 160,676		- 160,676
116,826,284	22,209,035	-	143,693,871		143,693,871
147,600,491	26,649,594	3,210	179,876,850	• • •	179,876,850
100,242,583	21,947,216	~	123,955,544		123,955,544
16,583,701	261,819		19,738,327		19,738,327
116,826,284	22,209,035	-	143,693,871		143,693,871
23,496	-	-	629,915	407 405	629,915
3,403	4,963	-	8,366	497,685	497,685 8,366
116,853,183	22,213,998		144,332,152	497,685	144,829,837
					of the section and make the section and the section are the section as the section and the section are also sec
879,545	7,807,460	•	8,687,005	5 500	8,687,005
13,244,764	-	-	13,244,764	5,590	13,250,354 4,105,386
1,610,462	-	-	2,320,233	-	2,320,233
21,137,598	-	-	22,598,494	492,202	23,090,696 3,543,226
3,326,801	-	-	3,413	-	3,413
43,012,893	7,807,460	-	54,502,521	497,792	55,000,313
47,301,769	12,567,293	-	59,869,062	-	59,869,062
2,292,557	-	-	2,292,557	-	2,292,557 14,070,340
13,774,797	1,555,572	-	2,142,688		2,142,688
5,277,880	- 99,853	-	5,378,633	107	5,378,633
4,606,269	383,526	-	6,076,351	- 107	6,076,244
116,853,183	22,213,998	_	144,332,152	497,685	144,829,837

^{...} Figures not appropriate or not applicable.

2. Sales of Natural Gas Catalogue No. 55-002 October 1970

Total sales of natural gas to Canadian consumers for October were 69,176,482 Mcf. This was an increase of 9.3% over the same month last year. Revenue from sales was \$40,759,680.

Sales for the first ten months of 1970 were 729,121,631 Mcf. This was an increase of 7.9% over the same period last year. Exports continued to rise over the period amounting to 628,102,868 Mcf., an increase of 14.2%, while imports were 8,362,760 Mcf., a decrease of 73.6%. Export Revenues were up 15.7%.

Sales of Natural Gas, October 1970

bazes or	Nacutal Gas, Oc			
	Custor	mers	Gas sold	Revenue
	b.ac. heating	Pot = i	Gas sort	Kevende
	No.		Mcf.	\$
Residential:				
New Brunswick	130	1,558	2,459	9,097
Quebec	105,255	200,537	958,013	1,746,414
Ontario	595,143	733,800	4,456,946	6,058,411
Manitoba	113,887	115,952	978,803	919,085
Saskatchewan	123,561	126,063	1,144,943	1,078,374
Alberta	279,392	281,935	3,090,043	1,910,649
British Columbia	189,026	219,466	2,381,753	3,098,472
Canadá	1,406,194	1,675,711	17.012.000	14,61690
Commercial:				
New Brunswick		55	2,867	5,450
Quebec		9,934	419,830	481,245
Ontario		70,132	4,805,424	4,088,069
Manitoba		11,277	771,543	546,543
Saskatchewan		17,196	546,517	363,299
Alberta		31,579	3,380,956	1,290,385
British Columbia		28,731	1,132,901	1,052,675
Canada		168,904	11,060,038	7,827,666
Industrial:				
New Brunswick				1 000 000
Quebec		1,908	2,683,254	1,383,839
Ontario		8,710	19,871,339	10,331,382
Manitoba		328	1,718,779	504,798
Saskatchewan		657	3,637,362	1,021,910
Alberta		1,093	11,048,304	2,140,896
British Columbia		392	6,144,446	1,728,687
Canada		13,088	45,103,484	18,111,512
Firm		12,330	34,738,707	13,970,343
Interruptible		758	10,364,777	4,141,169
Total sales:				
New Brunswick		1,613	5,326	14,547
Quebec		212,379	4,061,097	3,611,498
Ontario		812,642	29,133,709	20,477,862
Manitoba		127,557	3,469,125	1,970,426
Saskatchewan		143,916	5,328,822	2,463,583
Alberta		314,607	17,519,303	5,341,930
British Columbia		248,589	9,659,100	6,879,834
Canada		1,861,303	69,176,482	40,759,680
Total exports			61,657,561	16,292,726
Total import			102,827	157,60

ERVICE BULLETIN



For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

\$5.00 A YEAR

Gircon C.

Catalogue No. 57-002 Vol. 5, No. 96



Dec. 1970

CONTENTS

		rage
1.	Preliminary Propane Statistics September 1969 and September 1970	1
2.	Preliminary Report on Coal Production, November 1970	5
3.	Oil Pipe Line Transport 1969, Catalogue No. 55-201	7

1. Preliminary Propane Statistics September 1969 and September 1970

Production of propane for September 1970 amounted to 2,275,132 barrels. This was increase of 406,964 barrels over the same month last year.

Sales to distributors were 810,789 barrels as compared with 834,060 barrels during September 1969.

The export of propane for the month was 883,071 barrels, an increase of 30.5% over September, 1969. Most of the change is accounted for by a large increase in exports to US districts I and II. Shipments to US districts IV and V remained fairly constant while offshore exports dropped by 120,709 barrels. Cummulative exports for the year were 6,647,244 barrels, an increase of 41.7% over the same period in 1969.

The statistics show provincial source and end disposition of the product, without taking into account intermediate interprovincial transfers.

Canadian Propane Supply and Disposition

	Atlantic	Quebec	Ontario	Manitoba and Saskat- chewan	Alberta	British Columbia	Northwest Terri- tories and Yukon	Canada
				bar	rels			
September 1969								
Supply								
			4.00 0.00					
Refinery production	37,186	167,456	158,158	25,020 71,419	1,355,293	20,800 32,836	_	408,620
Imports	-	744	-	-	-	-	-	744
Interprovincial "IN"	1,199	47,644 (7,130)	196,107 (39,470)	61,736 (27,884)	1,409 (80,906)	49,704 (863)	9,134	(155,054)
Inventory change	1,133	(7,130)	(33,470)	(27,004)	(00,300)	(003)		. (133,034)
Total	38,885	208,714	314,795	130,291	1,275,796	102,477	9,134	1,713,858
Disposition								
Plant and refinery use		2,721	5,638	3,787	1,677			13,823
Gas enrichment	-		-		991	-	-	991
Miscible flood		27,455	95,825	60	29,245	1,118	-	29,245
Distributors	35,235	180,884	305,820	84,707	126,377	91,903	9,134	834,060
Exports								
District I	-	-	-	40 115	6,476	-	-	6,476
District IV	_	-	_	40,115	43,787	-		146,279 43,787
District V	-	-	-	-	94,256	44	-	94,256
Offshore	-	-	-	-	378,898	7,096	-	385,994
Losses or gains	2 650	(2,256)	(170)	340	875	(70)	-	(1,211)
Interprovincial "OUT"	3,650	(3,576)	(92,318)	(1,350) 2,692	(6,494)	(70) 2,430	-	(100,158)
Total								
19td1	38,885	208,714	314,795	130,291	1,275,796	102,477	9,134	1,713,858
1070								
September 1970		the state of the s						
Supply								
Patinary production	10.066	1/0 10/	10/ 075	01 7/0	100	01 707		061 016
Refinery production	42,866	140,194	124,875	21,743	1,809,946	31,737 33,337	-	361,815
Imports	-	1,896	131	,0,054	-	33,337	-	2,027
Interprovincial "IN"	961	55,034	144,742	57,371	-	45,918	7,707	
inventory change	2,034	28,239	35,983	(25,999)	(473,781)	290	-	(433,234)
Total	45,861	225,363	305,731	123,149	1,336,565	111,282	7,707	1,843,925
Disposition								
Plant and refinery use		13,816	24	200	1,817	_	-	15,857
Gas enrichment	-	-	-	-	-	-	-	-
Miscible food	-	16,138	36,387	-	1,462	12 206	-	1,462
Distributors	45,159	200,053	261,537	63,642	153,757	13,306 78,934	7,707	170,634 810,789
Exports:			,					
District I		-	-	E1 0E/	50,898	-	-	50,898
District IV		-	-	51,254	360,231 60,904	_		60,904
District V	-	-	-		94,499	-	-	94,499
Offshore	-	-	-	-	248,257	17,028	-	265,285
		(4,133)	1,180	(1,951)	4,249	(28)	-	(938)
	(255)						1	
Adjustments	(255) (11) 968	(5,662)	4,207	(733)	(34,751)	2.042	-	(36,950)
Adjustments	(11)					2,042	1	

⁽¹⁾ Excludes returned to formation.
(2) Identifiable industrial sales have been allocated to this category. Distributor sales may contain sales to industrial.

2. Preliminary(1) Report on Coal Production 1970

Preliminary data indicate that coal production for the month of November 1970 amounted to 1,759,274 tons, an increase of 79.9 % from the November 1969 preliminary production figure of 977,650° tons. Landed imports were 1,787,643 tons compared with 1,921,799 tons for the same period last year.

Production and Landed Imports of Coal, by Provinces

	196	9	19	70
	Production(2)	Landed(1) imports	Production(2)	Landed(1) imports
		net tons of	2,000 pounds	
November			1	
Newfoundland				
Nova Scotia	191,816	22,637	100 622	05 / 07
New Brunswick	54,053	152	180,633 42,082	25,437
Quebec	54,055	72,684	42,002	166 121,703
Ontario	_	1,826,103		1,640,103
Manitoba	_	223	_	234
Saskatchewan	211,522		534,024	257
Alberta - Bituminous	116,908	-	303,188	-
Sub-bituminous	339,380		349,414	-
British Columbia and Yukon	63,971 ^r	-	349,933	-
Canada totals	977,650r	1,921,799	1,759,274	1,787,643
Eleven months ended November				
Newfoundland		6,371	_	2,310
Nova Scotia	2,454,052	505,884	1,970,239	351,164
New Brunswick	655,554 ^r	1,661	367,100	1,591
Quebec	-	808,107		667,342
Ontario	-	14,735,313 ^r	-	16,239,456
Manitoba	405	4,756	-	3,213
Saskatchewan	1,755,419	1,153	3, 252, 674	1,297
Alberta - Bituminous	1,118,963	-	2,470,513	00
Sub-bituminous	2,830,681	-	3,398,527	-
British Columbia and Yukon	848,485r	538	2,827,480	74
Canada totals	9,663,154 ^r	16,063,783 ^r	14,286,533	17,266,447
(1) 0 - 1: 1: 1: 1:				

⁽¹⁾ Supplied by the Department of Energy Mines and Resources; do not necessarily agree with figures reported in Trade of Canada.

⁽¹⁾ Advanced publication of data included in Monthly publication No. 45-002 Coal and Coke Statistics.

⁽²⁾ All figures are preliminary.

r Revised figures.

Oil Pipe Line Transport 1969, Catalogue No. 55-201

Mileage of oil pipe line systems totalled 18,055.1 miles, including 2,667.8 miles of producers gathering lines which form part of the oil gathering systems per sc. These pipe lines are usually of smaller diameter operating withing oil fields and carry oil from the battery to a common collection point; the mileage of these lines was not included in prior year's statistics.

Oil Pipe Line Mileage in Service, as at December 31, 1969

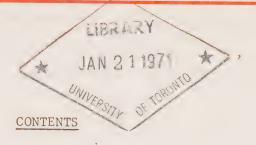
		Diamete	r of pipe in	inches	
	0-5.9	6-12.9	13-18.9	19 and over	Total
	I		miles		
Gathering lines(1)					
British Columbia Alberta Saskatchewan Manitoba Ontario	270.0 3,573.2 1,087.2 119.3 25.6	196.2 1,262.8 806.2 44.7	29.1	-	466.2 4,865.1 1,894.4 164.0 25.6
Canada	5,075.3	2,309.9	30.1	•	7,415.3
Trunk lines, crude oil					
British Columbia Alberta Saskatchewan Manitoba Ontario Quebec	237.2	570.0 2,159.2 210.9 86.8 66.2 72.9	637.4 404.4 264.7 2.1 70.8	520.9 1,760.8 1,101.0 373.1 228.8 68.6	1,090.9 4,794.6 1,738.8 724.6 297.1 212.3
Canada	259.7	3,166.0	1,379.4	4,053.2	8,858.3
Product lines					
Yukon Territory British Columbia Alberta Saskatchewan Manitoba Ontario Quebec	55.5 35.0 123.0	16.1 384.0 194.5 847.1 126.3	-		55.5 35.0 139.1 384.0 194.5 847.1 126.3
Canada	213.5	1,568.0	•	•	1,781.5
Total - All lines					
Yukon Territory British Columbia Alberta Saskatchewan Manitoba Ontario Quebec	55.5 305.0 3,933.4 1,109.7 119.3 25.6	766.2 3,438.1 1,401.1 326.0 913.3 199.2	666.5 405.4 264.7 2.1 70.8	520.9 1,760.8 1,101.0 373.1 228.8 68.6	55.5 1,592.1 9,798.8 4,017.2 1,083.1 1,169.8 338.6
Canada	5,548.5	7,043.9	1,409.5	4,053.2	18,055.1

⁽¹⁾ Includes producers gathering lines.

For further information write to DBS Energy and Minerals Section, Ottawa, or telephone 992-6014 (Area Code 613)

\$5.00 A YEAR

Catalogue No. 57-002 Vol. 5, No. 97



		Page
1.	Inventory of Prime Mover and Electric Generating Equipment as at December 31, 1969	1
2.	Preliminary Data "Refined Petroleum Products" October 1970	2
3.	Oil Pipe Line Transport, October 1970, Catalogue No. 55-001	6

1. Inventory of Prime-Mover and Electric Generating Equipment as at December 31, 1969

Data to be released in Catalogue No. 57-504 in some 3 months time shows that total installed generating capacity in Canada as at December 31, 1969 increased 64.3% to 39,591,841 K.W. from the 1961 figure of 24,091,368 K.W. This increase is equal to a compound growth rate of 6.4% per annum. The table below gives further comparisons between provinces, type of generator and type of ownership.

The increasing importance of steam plants is clearly shown, and though this trend will continue, especially with the development of nuclear power, the next few years will see the completion of several large hydro projects.

The large decrease in private utility ownership was due mainly to the acquisition of several large private utilities by provincially owned utilities in the earlier part of the period. Among the larger hydro-electric plants in Canada are:-

Quebec	Hydro	Electric	Commission	Beauharno	is 1	1,574,260	K.W.
11	11	11	ff	Bersimis 1	No. 1	912,000	K.W.
11	*1	11	11	Manic No.	2	1,015,200	K.W.
Hydro H	Electri	c Power (Commission (of Ontario	Sir Adam Beck	1,627,500	K.W.
British	Colum	bia Hydro	and Power	Authority	Gordon Shrum	1,135,000	K.W.

The 3 largest steam plants are the Lakeview (2,400,000 K.W.), Lambton (1,000,000 K.W.) and Richard L. Hearn (1,200,000 K.W.) plants of Ontario Hydro.

		Installe	d Generator Ca	pacity	
	Percentage	of total	K.W		Percentage
	1961	1969	1961	1969	increase 1961-69
Type					
Hydro	78.9 17.9 1.6 1.6	68.3 28.4 1.1 2.2	19,018,807 4,310,475 378,509 383,577	27,031,113 11,244,305 451,956 864,467	42. 160. 19. 125.
Province					
Newfoundland Prince Edward Island Nova Scotia New Brunswick Québec Ontario Manitoba Saskatchewan Alberta British Columbia Northwest Territories Yukon	1.3 .2 2.2 1.8 37.9 32.2 4.5 3.3 3.9 12.5	2.4 .2 2.4 3.0 33.4 31.5 4.0 3.5 5.6 13.7 .2	322,237 37,396 520,248 441,700 9,138,934 7,760,761 1,087,959 785,287 931,529 3,000,011 32,250 33,056	946,686 77,391 931,431 1,202,230 13,237,000 12,476,926 1,585,720 1,403,010 2,199,039 5,413,792 72,126 46,490	193. 106. 79. 172. 44. 60. 45. 78. 136. 80. 123.
Ownership					
Private	24.6 56.3 19.1	10.1 76.6 13.3	5,927,079 13,565,063 4,599,226	3,997,803 30,326,815 5,267,223	- 32. 123. 14.
Canada Total			24,091,368	39,591,841	64.

2. Preliminary Data-Refined Petroleum Products

Production of refined petroleum products increased 16.0% in October to 40,890,200 barrels from 35,250,964 in the same month last year, according to and advance release of data that will be contained in the October issue of the DBS report "Refined Petroleum Products."

Receipts of crude oil increased 12.0% in October to 38,347,555 barrels from 34,263,062 a year earlier. There was 2.1% less domestic crude at 18,839,719 barrels versus 19,248,023 and, 30% more imported crude at 19,507,836 barrels versus 15,015,039. Domestic disappearance of finished petroleum products decreased 0.6% to 43,305,340 barrels from 43,580,608 in the same month last year.

NET SALES in Canada of Selected Petroleum Products, October 1970

	7		24		Fuel oil			Total all	Total all products
	gasoline	turbo fuel	stove oil	Diese1	Light	Неаvу	Total all products	Cumulative 1970P	Cumulative 1969
				barrels	of 35 Canadian	gallons			
Newfoundland	211,115	62,002	100,735	255,575	177,938	397,521	1,270,484	12,710,355	10,860,281
Maritimes	1,173,021	67,647	237,529	397,587	672, 306	1,603,020	4,236,396	39,978,618	34,693,854
Quebec	3,439,481	399,760	533,905	787,487	2,504,397	3,211,572	12,543,124	129,463,946	122, 583, 961
Ontario	5,388,667	380,400	286,343	1,015,372	2, 335, 454	2,566,997	13,918,549	131,813,575	123,838,248
Manitoba	738,935	91,778	96,022	290,556	132,240	85,475	1,560,092	14,094,867	13,820,123
Saskatchewan	897,984	31,716	117,384	359,652	120,092	.35,348	1,797,400	16,167,407	15,970,787
Alberta	1,488,635	141,226	47,010	532,356	76,480	30,715	2,614,857	24, 598, 407	23,555,940
British Columbia	1,377,913	156,337	136,483	704,776	444,606	822,285	3,953,564	37,356,832	38, 735, 792
North West Territories and Yukon	23,838	22,255	5,929	43,106	19,921	1	125,050	1,961,470	1,580,584
Canada totals	14,739,589	1,353,121	1,561,340	4,386,467	6,483,434	8,752,933	42,019,516	1	•
Canada cumulative 1970P	138,859,022	14,088,621	13,916,696	39,541,831	75,136,223	86,563,311	8	408,145,477	8
	132,666	12,593,243	14,125,488	38,030,553	70,367,067	81,505,856	•	ı	385, 639, 570
P All data contained herein, except	for 1969,	are preliminary.							

Refinery Production in Canada of Selected Petroleum Products, October 1970

	Motor	Avfatton	Korosene		Fuel of			Total all	products
	gano I fue	lunko fuel	stove of 1	Dienel	1 (2) (Невоу	Total all	Camailative 1970P	Cumulative
				barrels of	of 35 Canadian gallons	з каловя	}		
NewFoundland	(1)	(3)	(1)	8	(1)	(1)	(1)	(1)	8
Marktimes	1,095,507	121,472	216,927	(2)	723,550	1,067,513	4,194,897	40,779,088	38,377,251
Quebec	4,070,639	485,859	559,434	1,326,299	2,742,170	3,148,059	13,586,122	128,796,428	117,204,307
Ontario	4,618,043	297,346	435,083	1,360,828	2,009,636	2,161,199	12,096,001	111,507,459	102,899,378
Manitoba	681,703	111,535	1,288	278,676	153,251	132,083	1,476,096	12,719,435	12,172,385
Зяякат съеман	689 686	32,166	119,781	309 s6 32	200,554	191,289	2,097,425	19,213,685	19,268,442
Alberta	1,700,701	174,146	32,544	806, 585	253,133	129,886	3,722,442	33,913,142	33,435,102
British Columbia	1,416,003	122,039	103,735	865,463	111,464	428,701	3,685,576	35,984,367	32,202,125
North West Territories and Yukon .	- 350	- 284	'	14,975	22	21.3	31,661	760,624	652,489
Ganada totals	14,521,931	1,344,279	1,468,792	4,962,458	6,193,780	7,258,943	40,890,200	1	1
Canada eumulative 1970P	134,420,986	12,255,142	16,730,346	45,921,251	59,186,855	68,095,885		383,674,228	1
Canada cumulative 1969	127,639,759	9,275,244	15,967,820	41,770,142	55,158,585	62,792,005	,	t	356,211,479

IMPORTS into Canada of Selected Petroleum Products, October 1970P

	Motor	Kerosene		Fuel oil			
	gasoline	stove oil	Diesel	Light	Heavy	products	
		barre	1s of 35 C	anadian gal	lons	1	
Maritimes	213,430	19,323	-	257,171	844,381	1,326,855	
Quebec	262,470	189,844	150,281	1,039,720	2,868,518	5,230,355	
Ontario	-	-	-	200,195	326,356	801,191	
All other	288	80	34		201,781	223,217	
Canada total	476,188	209,247	150,315	1,497,086	4,241,036	7,581,618	

EXPORTS* of Selected Petroleum Products, October 1970P

	Moter	Kerosene		Total all		
	gasoline	stove oil	Diesel	Light	Heavy	products
		barre	ls of 35 C	anadian gal	lons	3
Maritimes	_	-	-	-	-	
Quebec	_	ana.	32,947	157,584	84,889	318,453
Ontario	-	1,801	-	79,455	42,231	133,471
Saskatchewan	-	400	-	-	-	405
Alberta	-		-	-	4,235	4,235
British Columbia	54,266	-	58,039	21,818	-	152,106
Canada total	54,266	1,801	90,986	258,857	131,355	608,670

^{*} Only those made by respondents to the refined Petroleum Products survey.

P Preliminary figures.

3. Oil Pipe Line Transport, October 1970, Cat. No. 55-001

Net receipts of crude oil, condensate, pentanes plus and refined petroleum products by Canadian oil pipe lines during October increased 15.2 per cent to 2,083,600 B/D from 1,809,300 B/D for the same period of the preceding year; domestic oils amounted to 1,645,600 B/D (up 14.5 per cent) and imported oils were 438,000 B/D (up 17.8 per cent).

Net deliveries of crude oil, condensate, pentanes plus and refined petroleum products during the month rose 18.8 per cent to 2,090,900 B/D from 1,759,400 B/D last year. Included in the month's deliveries were 1,457,100 B/D to domestic points (up 22.5 per cent) and 633,800 B/D for export (up 11.2 per cent).

For the ten-month period, net receipts of all commodities were 2,039,000 B/D, an increase of 12.2 per cent over the same period of 1969; deliveries rose 12.8 per cent, to 2,041,300 B/D. The imports by pipe line for the period increased to 424,800 B/D while the exports of the same commodities rose to 667,100 B/D, increases of 10.4 per cent and 20.2 per cent, respectively.

Total traffic for October amounted to 30,888 million barrel miles with an average length of haul of 476.5 miles.

Oil held by Canadian pipe line systems totalled 24,369,637 barrels by the end of October. Inventories of crude oil and equivalent held in Canada decreased by 538,980 barrels. Inventories of crude oil and equivalent held in the United States increased by 66,464 barrels, resulting in a decrease of 472,516 barrels in inventory in Canada and the United States.

Oil Pipe Line Supply and Disposition

		October 1970				Year to date 1970	
Supply and disposition	Crude oil and equiva- lent	Refined petroleum products and L.P.G.'S.	Total volume	% change from October 1969	Total volume	% change from previous year	
	'000 barrels per day						
Net receipts -							
Domestic	1,353.0 435.5	292.6	1,645.6 438.0	+ 14.5 + 17.8	1,614.2 424.8	+ 12.8 + 10.4	
Total net receipts	1,788.5	295.1	2,083.6	+ 15.2	2,039.0	+ 12.2	
Net deliveries							
Domestic	1,182.5 619.9	274.6 13.9	1,457.1 633.8	+ 22.5 + 11.2	1,374.2 667.1	+ 9.6 + 20.2	
Total net deliveries	1,802.4	288.5	2,090.9	+ 18.8	2,041.3	+ 12.8	
Inventory change (barrels)	- 472,516	238,190	- 234,326	. ·	- 794,078	-	

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Catalogue No. 57-002 Vol. 5, No. 98 January 1971

Coal and Coke Statistics, October 1970, Catalogue No. 45-002

Coal production for the month of October 1970 amounted to 1,676,844 tons an increase of 55.4% from the October 1969 production of 1,079,159 tons, while landed imports were 2,048,374 tons compared with 1,892,414^r tons for the month of October 1969. Consumption by industrial consumers amounted to 1,696,994 tons of coal and 502,775 tons of coke, an increase of 270,948 tons of coal and an increase of 209,956 tons of coke from last year.

Industrial consumers' stocks of coal and coke increased to 7,713,289 tons from 7,172,454 tons in October 1969.

Coke production during the month of October 1970 increased to 487,278 tons from 304,668 tons in October 1969, while coke used in blast furnaces increased to 381,645 tons from 154,348 tons during the same period.

Coal and Coke Statistics

October 1970

	Coal			Coke			
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
				tons	1		
NewCoundland		961		_	_	_	_
Prince Edward Island		_	-		_	****	*****
Nova Scotia	192,676	50,565	170,872	44,403	21,555	43,351	_
New Brunswick	40,079	226	38,779	28,354	34,235	_	_
Quebec	-	80,080	-	57,156	164,828	51,594	134,849
Ontario	-	1,916,427	-	987,794	6,662,223	398,823	167,034
Manitoba	-	32	-	111,268	124,674	372	488
Saskatchewan	487,475	53	484,718	169,528	271,213	_	_
Alberta	658,463		577,673	289,513	79,918	328	407
British Columbia and Yukon	298,151	30	340,993	8,978	16,137	8,307	35,728
Total Canada 1970	1,676,844	2,048,374	1,613,035	1,696,994	7,374,783	502,775	338,506
Total Canada 1969	1,079,159	1,892,414r	961,638	1,426,046	6,879,035	292,819	293,419

ERVICE BULLETIN



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INDEX TO SERVICE BULLETIN-IND-SB-(5) ENERGY STATISTICS

	Subject	1.	=== 1 = 107	Catalogue No.	SB No.
Preliminary Electric Energy November 1969 December 1969 January 1970 February 1970 March 1970 April 1970 May 1970 June 1970 July 1970 August 1970 September 1970 October 1970				57-001	5-3 5-9 5-18 5-27 5-38 5-46 5-54 5-64 5-75 5-80 5-86 5-94
Electric Power Statistics Mover and Electric General, 1969)	erating Equipment	t as at D	ecember		5-97
Annual Electric Power Su (preliminary 1969)	rvey of Capabilit	ty and Lo	ad	57-204	5-47
Electric and Gas Meter R	egistrations 1969	9		57-201	5-76
Fuel used to Generate El	ectricity 1969 .			57-202	5-63
Monthly Supply and Dispo	sal of Electric	Energy 19	69	57-001	5-73
Electricity Bills for Do Service 1969	mestic, Commercia	al and Sm	all Power	57-203	5-86
Price Indexes of Electri Distribution Systems & Transformer Stations .	Transmission Li	nes		62-002	5-30 5-61
Fuel and Electricity Pur facturing Industries b 1964	y Major Group, by	y Region			5-19 5-28 5-41 5-48 5-93

6503-521

DBS REGIONAL OFFICES-St. Johns • Halifax • Montreal • Ottawa • Toronto • Winnipeg • Edmonton • Vancouver

Subject	Catalogue No.	SB No.
011		
Oil Pipeline Transport	55-001	5-6
December 1969 January 1970 February 1970		5-17 สวาธ¥25
March 1970		5-32 5-40 5-52
May 1970		5-62 5-68
August 1970		5-78 5-82 5-89
October 1970		5-97
Oil Pipeline Transport 1968 Oil Pipeline Mileage 1969 Net Cash Expenditures of the Oil and Gas - Exploration	55-201 55-201	5-39 5-96
Development and Production Industry 1969 (Preliminary)		5-37
Crude Petroleum and Natural Gas Production	26-006	
September 1969		5-4 5-10
November 1969 December 1969		5-11 5-21
January 1970		5-38
February 1970		5 - 45 5 - 57
April 1970 May 1970		5 - 62 5 - 66
June 1970		5-77
August 1970		5-85 5-92
September 1970		5-95
Principal Statistics for the Crude Petroleum and Natural Gas Industry (S.I.C. 064) by Province	26-213	
1967	23	5-68
Indexes of Crude Oil and Natural Gas Production valued at		5-89
1961 base year prices (Jan. 1961 to Sept. 70)		5-91
Crude Oil Requirements 1969-1970	,	
1st quarter		5-5 5-26
4th quarter		5-53 5-79
Fossil Fuel Production and Value 1969-1968		5-1

Subject	Catalogue No.	SB No.
Oil - Concluded		
Preliminary Propane Statistics		
January 1969, 1970		5-55
February 1969, 1970		5-65
1969, 1970		5-70
April 1969, 1970		5-71
May 1969, 1970		5-75
June 1969, 1970		5-79
July 1969, 1970		5-84
August 1969, 1970		5-94
September 1969, 1970		5-96
Preliminary Propane Statistics		E 07
1967 and 1968		5-87
Retail Gasoline Statistics by Metropolitan Area		5-16
4th quarter 1969		5-43
1st quarter 1970		5-72
2nd quarter 1970 3rd quarter 1970		5-90
Retail Gasoline Statistics by MetropoliatnaArea 1969		5-36
Preliminary Refined Petroleum Products	45-204	
1969		5-31
		5 -7 8
	45-004	
Preliminary Data Refined Petroleum Products		5-2
October 1969		5-8
November 1969		5-13
January 1970		5-23
February 1970		5-34
March 1970		5-45
April 1970		5-56
May 1970		5-60
June 1970		5-69
July 1970		5 -7 8
August 1970	•	5-82
September 1970	•	5-89
October 1970	٠	5-97
Sales of Natural Gas	. 55-002	
November 1969	•	5-5
December 1969	•	5-14
January 1970		5-22
February 1970	•	5-29
March 1970	•	5-42
April 1970	•	5-49
May 1970	•	5-58
June 1970	•	5-66

Subject	Catalogue No.	SB No.
Gas - Concluded		
July 1970	,	5-76 5-81 5-87 5-95
Natural Gas Pipeline Mileage 1969	57-205	5-86
Coal and Coke Statistics October 1969 November 1969 December 1969 January 1970 February 1970 March 1970 April 1970 May 1970 June 1970 July 1970 August 1970 September 1970 October 1970	45-002	5-2 5-8 5-15 5-24 5-35 5-44 5-51 5-59 5-69 5-78 5-84 5-91 5-98
Preliminary Review of Coal Mining Industry 1969	26-206	5-74
Preliminary Report on Coal Production December 1969 January 1970 February 1970 March 1970 April 1970 June 1970 June 1970 July 1970 August 1970 September 1970 October 1970 November 1970		5-7 5-12 5-20 5-33 5-44 5-50 5-59 5-67 5-77 5-83 5-88 5-96









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